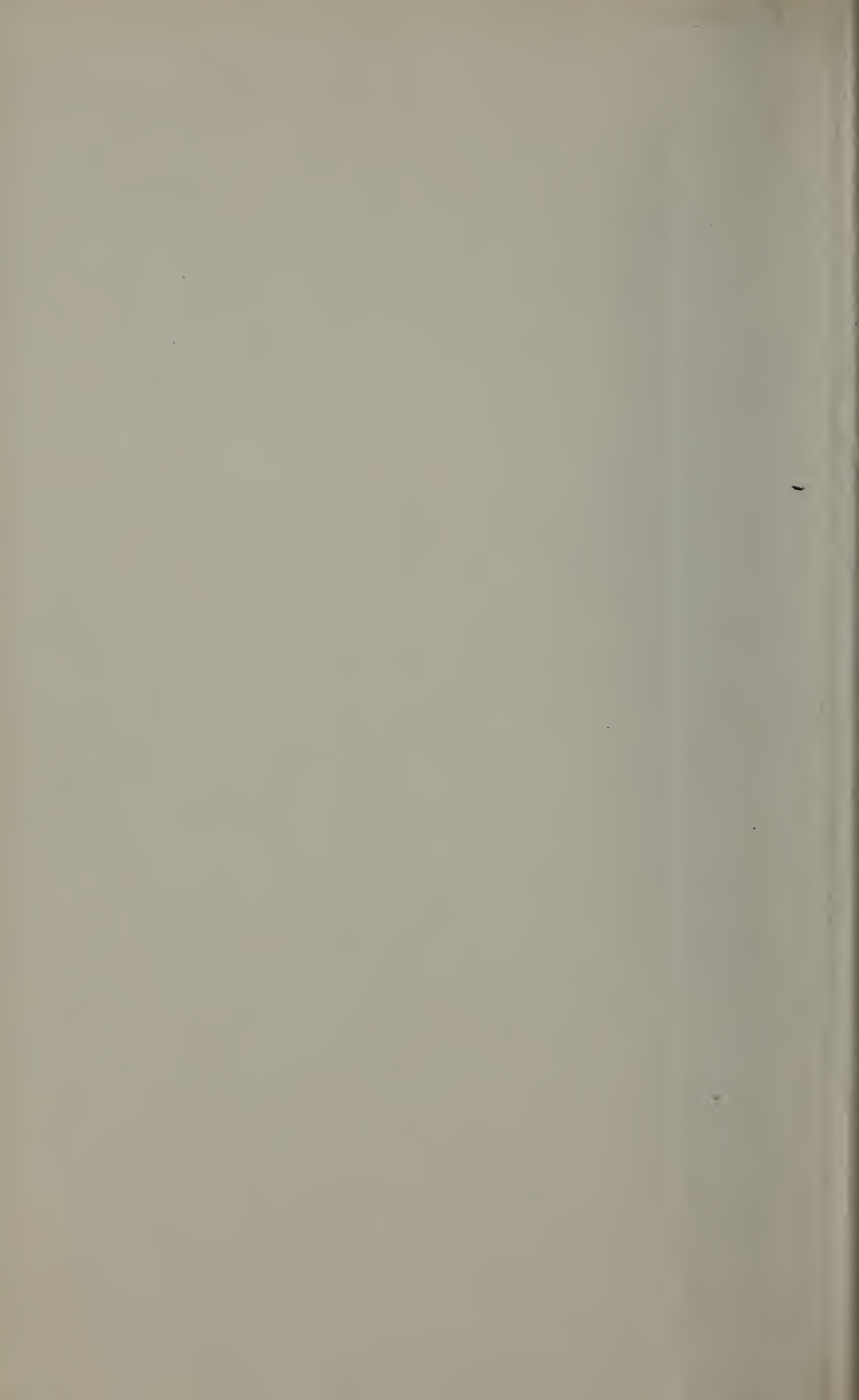


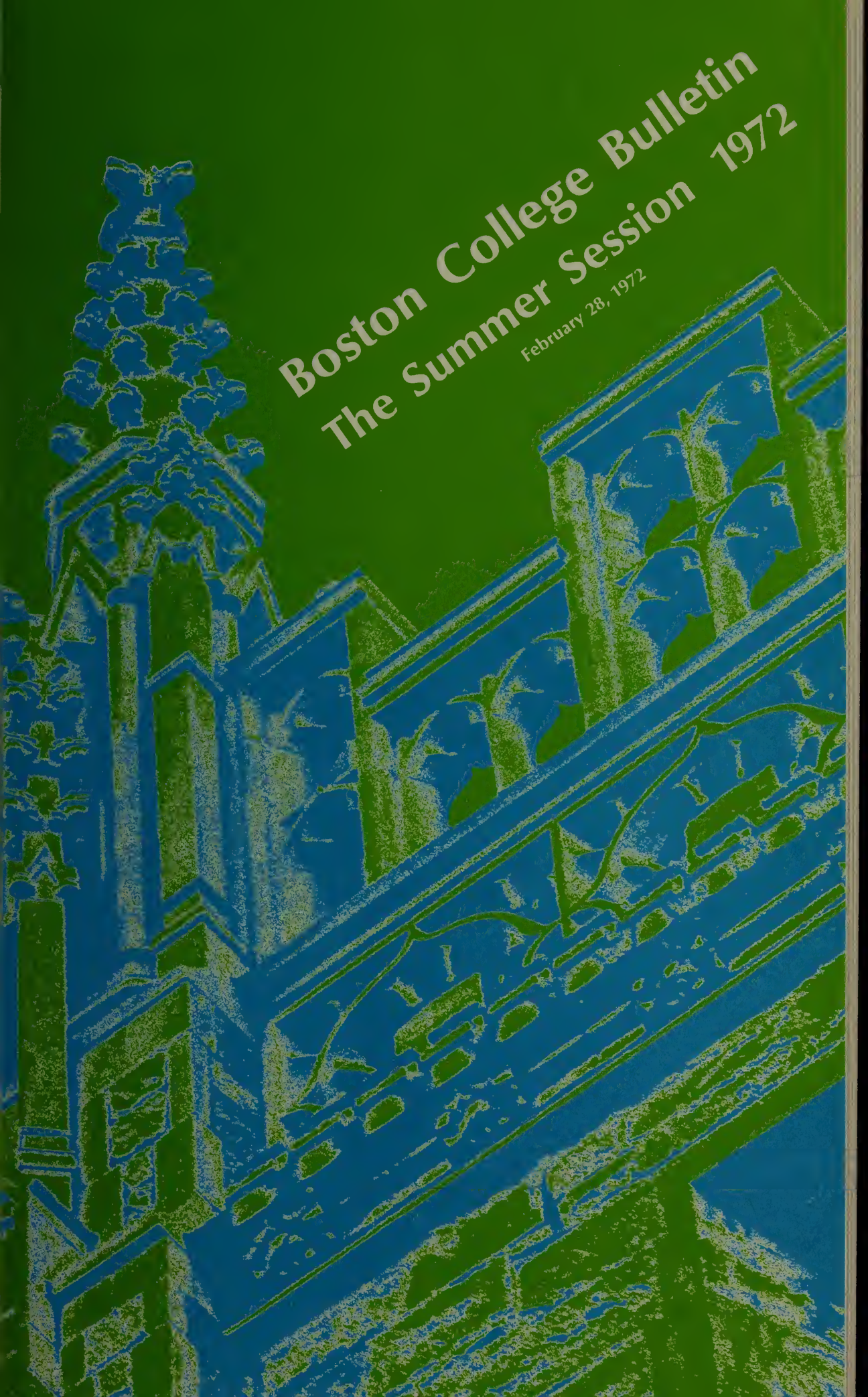
BOSTON COLLEGE BULLETIN

1972 - 1973



BOSTON
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Boston College Bulletin

The Summer Session 1972

February 28, 1972

On the Cover

A photographic representation of one of the finials of Ford Tower, Bapst Library, Boston College.

"The Margaret E. Ford Tower, into which the lovely recessed North Porch opens, is distinguished by a soaring medieval staircase ornamented with a corbelled balustrade. On the exterior, the Tower recalls Merton Tower at Oxford, with its squat bulk and fretwork like stone lace." (From *The Crowned Hilltop, Boston College In Its Hundredth Year*; text by Francis Sweeney, S.J.; The Hawthorne Press, 1962)

Design by Carol E. George, University Designer; photography, including the cover photograph, by Daniel Natchek, Staff Photographer.

Photograph on page 2 by Lynn McLaren.

Summer Session Office

The Summer Session office is located in McGuinn Hall, Room 437, telephone 969-0100, extension 2521. The office is open Monday through Friday from 8:45 a.m. to 4:45 p.m. Office hours for interviews and appointments during the week are: 9:30 a.m. to 12 noon; 2 to 3 p.m. or by arrangement.

To the Reader

The *Boston College Bulletin* is intended for use as a source of information and continuing reference. Please save it or make it available to those who have need of it. Replacement copies cause expenditures which should more directly support the educational programs of the University.

Boston College Bulletin

Volume XLIV, Number 2, February 28, 1972

The *Boston College Bulletin* contains current information regarding the University calendar, admissions, degree requirements, fees, regulations and course offerings. It is not intended to be and should not be relied upon as a statement of the University's contractual undertakings.

Boston College reserves the right in its sole judgment to make changes of any nature in its program, calendar or academic schedule whenever it is deemed necessary or desirable, including changes in course content, the rescheduling of classes with or without extending the academic term, cancelling of scheduled classes and other academic activities, and requiring or affording alternatives for scheduled classes or other academic activities, in any such case giving such notice thereof as is reasonably practicable under the circumstances.

The *Boston College Bulletin* is published ten times a year as follows: No. 1, January (*Law School*); No. 2, February (*Summer Session*); No. 3, April (*Graduate School of Social Work*); No. 4, May (*Evening College Preliminary Announcement*); No. 5, June (*Graduate School of Arts and Sciences*); No. 6, July (*School of Nursing*); No. 7, August (*Evening College of Arts, Sciences and Business Administration*); No. 8, August (*Undergraduate Admissions Information*); No. 9, September (*College of Arts and Sciences*); No. 10, December (*University General Catalogue*).

The School of Education and the School of Management will publish in May, 1973.

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Requests for divisional bulletins should be addressed to the individual School or College of the University. Requests for the *University General Catalogue* issue should be addressed to the Office of University Publications; requests for the *Undergraduate Admissions Information* issue should be addressed to the Office of Undergraduate Admissions.

Postmaster: send PS Form 3541 and all address corrections to the Office of University Publications.

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Boston College Bulletin

The Summer Session

June 26 - August 4, 1972



Boston College

University Heights

Chestnut Hill, Massachusetts 02167



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BE SURE TO BRING THIS BULLETIN WITH YOU FOR USE AT REGISTRATION AND THROUGHOUT THE SUMMER SESSION. STUDENTS WILL BE HELD RESPONSIBLE FOR BEING FAMILIAR WITH ALL ITEMS OF INFORMATION AND REGULATIONS IN THIS BULLETIN WHICH APPLY TO YOUR PARTICIPATION IN THE SUMMER SESSION

**APPLICATION FORMS WILL BE SENT
TO YOU UNDER SEPARATE COVER**

**THE SUMMER SESSION RESERVES THE RIGHT TO CHANGE
OR WITHDRAW OFFERINGS IF NECESSARY**

Boston College

The University

Boston College is one of the oldest Jesuit-founded universities in the United States. Its charter was granted to John McElroy, S.J., on April 1, 1863, by John Albion Andrew, Governor of the Commonwealth of Massachusetts. John Bapst, S.J., was the first President. As has been true of almost every leading college and university in the nation, the original intention was to provide collegiate instruction for young men in an atmosphere of a specific religious tradition. Boston College has followed the honored pattern of other American universities by growing into an eclectic institution of higher education. Its academic community is open to men and women of any and every background; its scholarly pursuits range the entire spectrum of contemporary thought and interest.

Boston College was first located in the South End of the City of Boston and continued there for its first half century. Shortly before World War I, Thomas Gasson, S.J., then President, purchased a property in Chestnut Hill, a suburb of Boston. In more than fifty years that have followed, the University Heights campus has grown to include forty collegiate structures and still retains much of its suburban beauty as well as an enviable prospect of the city six miles away.

The evolution of Boston College into today's University was particularly evident during the 1920's. The Summer Session, the Graduate School of Arts and Sciences, the Law School, and the Evening College of Arts, Sciences and Business Administration were added to the original College of Arts and Sciences. In 1927, the College of Liberal Arts at Lenox, Massachusetts, and the Schools of Philosophy and Theology at Weston—several miles west of the University Heights campus—all for the preparation of young men for the priesthood in the Society of Jesus—were established as schools of the University. The Graduate School of Social Work was established in 1936, and the College of Business Administration in 1938. The latter, with its Graduate School (1957), is now known as the School of Management. The Schools of Nursing and Education were founded, respectively, in 1947 and 1952.

Environment

Throughout the history of Boston College, students have been attracted to its beautiful suburban campus, overlooking the Chestnut Hill Reservoir, with a sky-line view of Boston. The proximity of this major city affords incomparable cultural advantages. Boston's many museums, its theatres, movies, restaurants, and points of historical interest such as the Freedom Trail, Bunker Hill, and Old North Church, can be reached in forty minutes via three main highways and a rapid transit system. Bus transportation is available for trips north to the mountains of New Hampshire, south to the miles of seashore and dunes at the Cape Cod National Seashore Park, and west to Tanglewood, the summer home of the Boston Symphony, in the Berkshires.

Accreditation of the University

Boston College is a member of, or accredited by, the following educational institutions: The American Association of Colleges for Teacher Education, the American Association of Collegiate Schools of Business, the American Association of Theological Schools, the American Association of University Women, the American Bar Association, the American Chemical Society, the American Council on Education, the Association of American Colleges, the Association of American Law Schools, the Association of University Evening Colleges, the Association of Urban Universities, the Board of Regents of the University of New York, the College Entrance Examination Board, the Council of Graduate Schools, the Council on Social Work Education, the Jesuit Educational Association, the International Association of Universities, the International Associations of Catholic Universities, the National Catholic Education Association, the National Commission on Accrediting, the Accrediting Service of the National League for Nursing, the New England Association of Colleges and Secondary Schools, and other similar organizations.

The Summer Session

The Summer Session is planned with the cooperation of the faculties and departments of the various schools of the University. A full range of undergraduate and graduate courses is offered in the major academic disciplines to those persons for whom the summer period is especially convenient for study. All credit courses are equivalent to those in one semester of the academic year and are designed for students who wish to accelerate their programs, complete degree requirements, or make up deficiencies. Many of the special programs are planned to meet the needs of members of the teaching profession and for those persons of the general public who wish to enroll in programs of continuing education.

Established in 1924, the Summer Session operates as a separate division of the University. Through cooperation with the various Colleges and Departments, credits may be applied to all degrees offered by the University and are accepted by institutions of learning everywhere.

Boston College is a member of the National Association of Summer Sessions, and the New England Regional Association.

Libraries

The Boston College libraries offer students the use of nearly one million books and periodicals. Boston College students may use these facilities upon presentation of ID cards. All others must apply at McHugh Forum, at the time of registration, for a Summer Session library card.

The principal library is Bapst, where most students will find the materials needed for their courses. For some, however, the collections of the School of Management (Fulton Hall), the Sciences (Devlin Hall), and the School of Nursing (Cushing Hall) may also be very useful. By reason of greater demand over a shorter period of time, books borrowed during the Summer Session are to be returned two weeks after they are borrowed. Reserved books, of course, may only be borrowed for shorter, specified periods for use within the library. Please do not hesitate to ask reference librarians for assistance in the use of the University's libraries.

Parking

All Summer Session students will park in the area west of Alumni Stadium, from Beacon Street to St. Ignatius gate. No permit is required.

Exceptions will be made for handicapped persons, who will receive a permit for Upper Campus at the discretion of the Chief of Security, and upon application at the Security Office in the Service Building.

The City of Newton does not allow parking of cars on any street in the vicinity of Boston College. This regulation is being strictly enforced. Students whose cars are found parked in restricted areas will be subject to fines and cars may be towed away.

Bookstore

The Bookstore, located in McElroy Commons, carries all required books for course work plus a wide selection of related non-required titles. For your convenience, school supplies, toiletries and many other articles may be purchased at the store.

Regular hours for the store will be from 9:00 a.m. to 5:00 p.m., Monday through Friday. On June 26, 27, and 28, the store extends its hours to 6:30 p.m. The store does not extend credit. Checks, however, are acceptable.

Health Services

Because of the nature of the services supplied by the college infirmary, no other services except first aid for any acute injuries or illnesses will be offered. Should any summer session student need medical assistance, he or she will be treated in the infirmary and charged for any services given. Should any medical help other than that which the infirmary can provide be necessary, the infirmary will act as liaison between community doctors and the student. The usual hours of consultation in the infirmary are 11:00 a.m. to 1:00 p.m. The infirmary is located on the ground floor of Cushing Hall, rear entrance.

Housing and Dining

Dormitories or Town House

University housing facilities are available in the Boston College residence halls for graduate and undergraduate students attending summer courses or institutes, but only in combination with the Five-Day Meal Plan. Accommodations include furnished room, linen and towels, blankets, and study lamp. Rates for room and board are as follows:

Single Occupancy—\$8 per day or \$284 for six weeks

Double Occupancy—\$7 per day or \$243 for six weeks

Apartments

Students who prefer apartments may rent University-owned apartments both on and off campus. These apartments are furnished, except for the living rooms, and offer linen service as in the residence halls. Students renting apartments have the option to participate in the Five-Day Meal Plan outlined below or to prepare their own meals. However, it will be necessary to provide cooking utensils, as kitchens are equipped with major appliances only.

A. Modular Apartments (Rental by the Unit only)

The air-conditioned Modular Units, located on campus, contain three double occupancy bedrooms, living room, two baths, and kitchen. Rates are \$85 per week or \$510 for six weeks. The fee may be divided among the persons who share it.

B. Off-Campus Apartments—370 Chestnut Hill Avenue, Cleveland Circle
(Rental by the Unit only)
The bedrooms are furnished for double occupancy.

- 1 Bedroom (3 rooms)—\$50 per week or \$300 for six weeks
- 2 Bedroom (4 rooms)—\$65 per week or \$390 for six weeks

Five-Day Meal Plan

Students housed in the residence halls will be issued a meal ticket entitling them to three meals a day in the Resident Students' Dining Room in McElroy Commons from Sunday dinner through Friday lunch. Students housed in apartments have the option to participate in the Five-Day Meal Plan at \$25 per week or \$120 for six weeks. Hours for the meals are:

Breakfast	7:30 a.m. — 8:45 a.m.
Lunch	11:45 a.m. — 12:30 p.m.
Dinner	5:00 p.m. — 6:00 p.m.

Eagle's Nest Cafeteria

All students may use the Eagle's Nest cafeteria facility, located in McElroy Commons. The hours are:

Weekdays:	8:00 a.m. to 3:00 p.m. (Monday through Thursday)
Weekends:	8:00 a.m. to 6:00 p.m. (Friday)
	10:00 a.m. to 6:00 p.m. (Saturday)
	10:00 a.m. to 3:00 p.m. (Sunday)

Housing Application

Students desiring accommodations should complete the housing application form and forward it as soon as possible to the Office of University Housing, McElroy Commons, Room 215. Deadline for receipt of this application is June 12. Rooms may be occupied from noon on Sunday, June 25, and are to be vacated by Saturday, August 5, at 2:00 p.m. Students enrolling in institutes, who desire housing accommodations, should forward the housing application to the Office of University Housing but also notify the institute director that they plan to be in residence.

Activities

Throughout the summer session, an effort is made to provide a balanced program of study and recreational activities. Tables are staffed in McElroy Commons which serve as central information centers on all social activities. Maps, brochures, and travel directions are available at these information centers.

The athletic facilities of the University are open to summer session students. These include basketball and squash courts in Roberts Center and the outdoor tennis courts. One popular feature of the planned program of athletic events is the annual tennis tournament for summer students and faculty. All those interested in playing should sign up at the information center in McElroy during the first week of the summer session.

A welcome addition to the athletic complex is a newly-completed facility which offers indoor tennis, badminton, and handball courts, sauna baths, as well as an olympic-size swimming pool.

For those interested in making the short trip to the Boathouse on the Charles River in Cambridge, sailing and sailing instruction are available.

The Coordinator of Special Programs and Social Activities arranges a variety of social activities on and off campus. These include theatre parties, barbecues, movies, lectures, bus tours to historical and educational landmarks, and sailing tours of the Boston Harbor and islands. In addition to sponsoring special events, this office will coordinate all institutes, workshops, and special conferences held during the Summer Session.

Summer Session students, faculty and staff are cordially invited to a get-acquainted reception in the Resident Students' Lounge in McElroy Commons, on Sunday evening, June 25, from 7:00 to 10:00 p.m.

Admission

Boston College is an academic community whose doors are open to men and women of all races, colors and national origins.

No formal application for admission nor transcript of previous college work is required for the Summer Session. All courses in the Summer Session are co-educational. Anyone who has graduated from high school may be admitted to the undergraduate courses.

Acceptance of a student by the Summer Session does not imply acceptance by any other school of the University. Students who wish to enroll in degree programs in any school of Boston College must make formal application to that division of the University, for which there is a separate application fee.

Special Students

Students not wishing to enroll in a degree program at any of the constituent schools of the University and who are not currently in a degree program at any university, are welcome to attend Boston College as Special Students. Anyone who has graduated from high school may be admitted to the undergraduate courses and no authorization is required.

Special Students who wish to register for graduate courses must have these courses authorized by the Department Chairmen at the time of registration in the Summer Session, in order to ensure they are qualified to pursue course study at the graduate level. Special Students of graduate status need not apply for admission to the Graduate School in order to take summer courses unless they wish the credits earned in the summer courses transferred to the Graduate School. For such credits to be accepted by the Graduate School, the student must have made formal application to the Graduate School and been accepted. See section under *Graduate School* for correct procedure.

Undergraduate Students

Undergraduate degree candidates must present to the Summer Session at the time of registration written authorization from their own dean's office for all work to be done in the Summer Session. This authorization must specify course number and title as in this *Bulletin*. This is the student's assurance that any course taken at the Summer Session will be accepted in transfer by his own school.

The normal course load for undergraduate students is two. However, if the student has permission of his own dean, he may take one additional course. Undergraduates will not be permitted to take graduate level courses. Exceptions are rare and require the written permission of the professor of the course and must be authorized by the student's own dean and the dean of the Summer Session.

Graduate Students

Graduate students must obtain authorization for all Summer Session courses from the appropriate department chairmen, who will be present at registration for this purpose. Authorization for graduate students who register in advance will be obtained for them by the Summer Session staff.

Graduate School of Arts and Sciences

Students desiring to enroll as either degree candidates or special students in the Boston College Graduate School of Arts and Sciences must write for application forms and information to the DEPARTMENT or PROGRAM to which admission is sought.

FOR THOSE WHO WISH TO INITIATE GRADUATE SCHOOL STUDIES
IN THE SUMMER SESSION, COMPLETED APPLICATION AND SUP-
PORTING DOCUMENTS SHOULD BE SUBMITTED TO THE GRADUATE
SCHOOL BY MAY 1, 1972

Summer Graduation

Graduate students who have completed all degree requirements by September 1, 1972, will be considered eligible to receive the degree as of that date. THE GRADUATE REGISTRAR'S OFFICE (McGuinn 223) MUST BE NOTIFIED BY JULY 12 OF YOUR INTENT TO GRADUATE. At this time it is necessary to fill out a graduation card with the correct name for your diploma, and to complete a record verification. A graduation fee of twenty dollars, along with all other financial obligations, must be paid before the degree may be awarded. There are no commencement exercises in the summer. The names of those who graduate in the summer are included in the commencement program of the following June, and these persons are welcome to join the June candidates in the commencement exercises.

Financial Information

Tuition and Fees

ALL FEES AND TUITION ARE PAYABLE AT THE TIME OF REGISTRATION.

Registration Fee	\$ 5.00
Non-refundable fee required of all students with no reduction for religious.	
Late Registration Fee	\$10.00
Six-week courses only; deadline, June 27 and 28	
Advance Registration Deposit	\$ 5.00
Deposit non-refundable if student withdraws; no further registration fee required when student enrolls.	
Tuition: Per Credit Hour	\$70.00
First Audit Course (per credit equivalent)	\$70.00
Subsequent Audit Course (per credit equivalent)	\$35.00
Readings and Research, Thesis Seminar, Direction (per credit or point)	\$70.00
Change of Course Fee	\$ 5.00
Laboratory Fees: (no reduction for religious)	
Language Laboratory (per 3-credit course)	\$ 5.00
Science Laboratory (per 3-credit course)	\$25.00
Residence Fees: (see <i>Housing & Dining Services</i> , page 8)	

Payment Procedure

Payments are to be made at the ticket windows in the foyer of Roberts Center on June 22 and 23 during registration hours, and June 26 from 8:00 to 11:30 a.m. and 1:30 to 3:30 p.m.

The Treasurer's Office hours are as follows: daily, Monday through Friday, 9:00 a.m. to 5:00 p.m.

Make all checks payable to BOSTON COLLEGE SUMMER SESSION. If mailed, they should be sent to the Treasurer's Office, Gasson Hall.

TRANSCRIPTS AND GRADES ARE ISSUED
ONLY TO STUDENTS WHOSE FINANCIAL ACCOUNTS
HAVE BEEN PAID IN FULL

Tuition Remission

A 20 per cent reduction on tuition (not on fees) is granted to members of religious communities and to diocesan priests for credit courses, institutes taken for three or more credits, and the *first audit* course only.

Boston College Teaching Fellows and Graduate Assistants must present written authorization from the Graduate School. Students who wish to claim tuition paid by any other scholarship source such as Traineeship, Massachusetts Rehabilitation, Employee, Faculty Scholarship, Peripatology, U.S. Navy, Nursing, etc. must show official credentials at time of registration.

Refunds

Students who give official notice of either withdrawal or the dropping of a course *within the first week of classes* may apply for partial refund of tuition, not to exceed 80 percent. No consideration for refunds will be given to students who have not officially withdrawn following prescribed procedure. Fees are not refunded. This refund is not automatic. Students must apply to the Summer Session Office for an authorization for refund. This is then transferred to the Treasurer's Office in Gasson Hall for issuance. No refunds are authorized for withdrawals which are made after the first week of classes. Refund checks are mailed after the close of the Summer Session.

If for any reason the student overpays his account he must apply either in writing or in person to the Treasurer's Office, c/o Supervisor of Summer Session Accounts, Gasson Hall, for the refund.

Veterans

Veterans who are eligible for tuition remission from the Veterans Administration must present an authorized Certificate of Eligibility form upon registering for the Summer Session.

Each veteran will then be instructed to fill out VA Form 21E-1999, Enrollment Certification, with all data related to his registration.

After the close of the registration period, the Summer Session will sign and forward the form to the appropriate Veterans Administration office where the student's record is filed.

In the event the veteran subsequently makes an official withdrawal from the Summer Session, or drops part of his course load, the Summer Session office will immediately file VA Form 21E-1999b, Change of Status, with the appropriate VA office.

Veterans are required to pay tuition and fees at the time of registration. As soon as they receive the Enrollment Certification, the Veterans Administration will reimburse the student directly for this payment.

Registration Procedures

Advance Registration

All students other than Boston College undergraduates may use the application for advance registration which is mailed under separate cover or available upon request in the Summer Session Office, McGuinn 437. This application, together with the advance registration deposit of \$5, should be mailed or brought to the Summer Session Office no later than June 1, 1972, for all courses. Those enrolling only in Part II (three-week) courses may register in advance up to June 18. The deposit is not refundable (if the student withdraws) but serves as his registration fee at regular registration. No other payment than this deposit is to be made in advance.

All students who have registered in advance must come to the Regular Registration on June 22, 23, or 26, to the Advance Registration sector in Roberts Center to obtain registration and class cards. Due to the fact that course selections were submitted in advance, authorization and preparation of this registration will have been completed. The advance registrant need only ask for his registration cards, proceed to the cashier to pay his tuition and fees, and receive his validated class admission slips. Students claiming tuition waiver from any source should refer to the paragraph under Regular Registration relative to Tuition Remission.

Note: Class cards for Part II courses may be obtained at Regular Registration at Roberts Center, or following Regular Registration, up to July 17 at the Summer Session Office, McGuinn 437.

Boston College Undergraduates

Undergraduate students enrolled at Boston College during the 1972 spring term may register in advance for summer courses at a special early registration by coming to the Summer Session Office, McGuinn 437, on any of the following days: Tuesday through Friday, June 13 through 16, 9:30 a.m. to 4:00 p.m. Each student must present written authorization for his course selections from the dean's office of his own school. He will then be required to pay his tuition and fees at the Treasurer's Office in Gasson Hall, at which time his class admission slips will be validated. These should be retained to present to the professor at the first class. After paying the required fees, these students will be considered registered and need not return for Regular Registration.

Regular Registration

Registration will be held in Roberts Center on Thursday and Friday, June 22 and 23, from 9:30 a.m. to 12:30 p.m., and from 1:30 to 4:30 p.m.; and also on Monday, June 26, from 1:30 to 3:30 p.m.

On Monday morning, June 26, from 8:00 to 11:30 a.m., Roberts Center will be open *only for resident students on campus who registered in advance* to enable them to obtain registration cards and to pay tuition and fees before classes on Monday morning.

Regular Registration will resume Monday afternoon, June 26, from 1:30 to 3:30 p.m. at which time department representatives will again be present to authorize graduate courses.

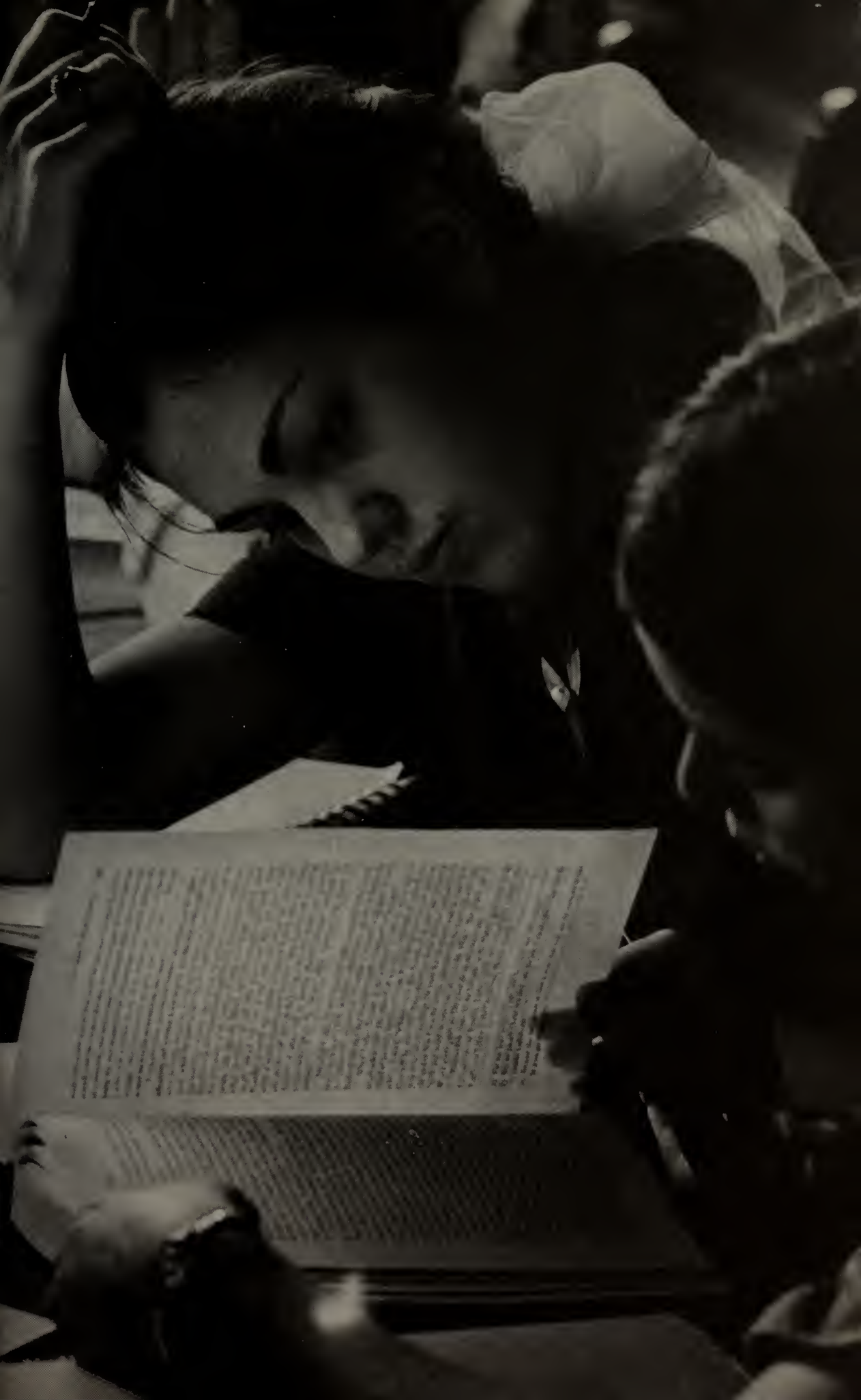
Students claiming tuition remission from any scholarship source must present credentials of authorization when registering. Boston College graduate assistants and teaching fellows may obtain authorization forms from the Graduate School Office, McGuinn 221, during regular office hours, and must present them in order to register for summer courses.

Late Registration

Students may register late, in person, for six-week courses only at McGuinn 437, on June 27 and June 28. The Late Registration Fee of \$10 will be charged.

Institute Registration

Students desiring to register for institutes and special programs must write to the individual director of the institute for application forms and procedures. Registration at Roberts Center and the Summer Session Office is for regular courses only.



Regular Registration in Brief

Dates and times: June 22 & 23 from 9:30 a.m. to 12:30 p.m.; and 1:00 to 4:00 p.m.
June 26 from 1:30 to 3:30 p.m.
Resident advance registrants only: June 26, 8:00 to 11:30 a.m.
Location: Roberts Center

Classification of Registrants

- A. All students, both advance and regular registrants, will be registered as one of the following:
 1. Undergraduate Degree Candidate (presently enrolled in a degree program)
 2. Graduate Degree Candidate

Documents and Payments Required

Boston College student	Authorization from Dean of your school (SOM, A&S, etc.)
Other schools (non-BC)	Authorization from Dean of your college, or advisor
001-099 and 100-199 courses not transferable toward the graduate degree	No authorization necessary
100-199 courses transferable toward the graduate degree, and courses numbered 200 and above	Authorization from BC Dept. representative in your field (available at Registration)

3. Special Students (graduate and undergraduate)	001-199 courses	No authorization necessary
	Courses numbered 200 and above	Authorization from BC Dept. representative in your field (available at Registration)

Graduate students taking ONLY courses numbered 001-199 NOT for degree credit should register as SPECIAL STUDENTS, graduate level.

B. *All students*, both advance and regular registrants, will be in one of two groups for payment purposes:

1. Students paying in full
2. Students claiming partial or complete waiver of tuition and/or fees (religious benefits, assistantships, BC employees, grants, traineeships, Mass. Rehab, faculty, etc.)

Check or cash for FULL PAYMENT of tuition and fees

Official, adequate* credentials plus payment for any fees or percentage of tuition not accounted for

* The student is responsible for determining before registration the amount covered by his source of tuition waiver, and for obtaining the proper authorization form from that source. In a few cases (Black Talent Program, Honors Program, etc.) individual authorizations may not be needed if student's name is on a list previously filed with the Summer Session Office. Where doubt exists, contact the Summer Session.

Academic Regulations

Changing or Dropping Courses

Students may change courses at the time of registration at Roberts Center, or up to June 28 in the Summer Session Office. After this date, only Part II course changes will be permitted through July 17. A fee of \$5 will be charged for each course changed. Anyone enrolled in a six-week course will not be permitted to change to a Part I three-week course after the opening day of classes.

Students who wish to drop a course, but do not intend a complete withdrawal from the Summer Session, must notify the Summer Session Office in person and, if eligible, make official application for partial refund.

Change of Status

Students may change from credit to audit in a six-week course or a Part II three-week course up to July 28 upon application to the Summer Session Office. In Part I three-week courses such changes are only permitted up to July 7.

Withdrawal

Mere cessation of attendance does not constitute withdrawal. The student who wishes to withdraw from the Summer Session after the beginning of classes must give immediate notice to the Dean on a form obtainable from the Summer Session Office. If prevented by an emergency from filing this form, he should report his withdrawal immediately in a letter to the Dean. Under no circumstances will a withdrawal be accepted by telephone. The last dates for this *official withdrawal* are as follows: Part I three-week courses, July 7; six-week and Part II three-week courses, July 28.

No refunds will be considered for students who fail to give official notice of withdrawal. No refunds are authorized for withdrawals made after the first week of classes. For information regarding refunds, see *Financial Information*, page 13.

Audit

Students not taking courses for credit, and not eligible for examinations and grades, may register for undergraduate or graduate programs. See page 13 for audit charges.

Examination

There are no late and no make-up examinations for Summer Session courses. See *Calendar* in this *Bulletin* for examination schedule.

Grades

Undergraduate Students—The grading system is: A, A—, excellent; B+, B, B—, good; C+, C, C—, satisfactory; D+, D, D—, passing but unsatisfactory; E, failure. **Graduate Students**—Grades assigned to graduate students are A, A—, B+, B, B—, C, F, I, W, and WW. The high passing grade of A is awarded for course work which is clearly distinguished. The ordinary passing grade of B is awarded for course work which is clearly satisfactory at the graduate level. The low passing grade of C is awarded for work which is minimally acceptable at the graduate level. The failing grade of F is awarded for work which is unsatisfactory at the graduate level.

A graduate student who withdraws, following prescribed procedure (see *Withdrawal*), from a course in which he is registered for credit will receive a grade of W for that course, and it will be so listed on the transcript. For such a course, no academic credits are granted. A graduate student who withdraws from a course *unofficially* prior to July 28, will receive a grade of WW. A failing grade of F will automatically be given to a graduate student who withdraws from a course later than July 28.

All required work in any course must be completed by the date set for the course examination. In special cases, however, a deferment may be allowed at the discretion of the professor and authorized by the Dean of the Summer Session. If deferment is granted, the student will receive a temporary grade of I (incomplete) which will be changed when work is completed. No deferment may be granted beyond the opening of the next fall semester.

Reports and Transcripts

No grades of any kind will be released orally at the Summer Session Office. Grade reports will be mailed as soon as possible after the close of the summer session to all students whose financial accounts with the Treasurer's Office have been settled in full.

Boston College degree candidates desiring transfer of grades earned during the summer session to constituent schools of the University must indicate this at registration. It is the responsibility of the student to notify the Summer Session Office if a transfer of grades is required. There is no charge for a transfer of grades within the University.

All transcripts which are requested at the time of registration will be mailed automatically after the close of the summer session. The first transcript is given free. For each subsequent transcript requested, a fee of one dollar is charged.

Members of religious communities are asked to use family names in all requests for transcripts.

Special Programs

Institutes, Workshops, and Conferences

Applications and all requests for information about these offerings should be addressed to the Director whose name appears under the title of each special program. Registration will take place at times and places designated by the Directors.

Payment is made on the opening day of each institute—not in advance.

Bilingual–Bicultural Institute for Teachers

June 26–August 4

S Ed 323 E

9:00 a.m.–2:30 p.m.

6 credits or no credit

Institute Director:

Dr. Charles F. Smith, Jr.

The purpose of the Bilingual-Bicultural Institute for Teachers is to provide training in bilingual education for teachers instructing in schools which have a significant number of non-English speaking students.

The Institute will be divided into two parts: a teaching practicum in the mornings and a series of lectures, seminars, workshops, field trips and discussions in the afternoons. Under the supervision of both a Master Teacher and university staff members, the institute participants will spend their mornings in a teaching practicum in several Boston area bilingual summer programs. During the afternoon sessions the institute participants will meet as a whole on the campus of Boston College where they will be exposed to a wide variety of specialists and resource persons in the field of bilingual-bicultural education. The following topic areas will be explored: teaching reading in English; teaching reading in Italian; teaching reading in Portuguese; teaching reading in Spanish; background information pertaining to the Italian, Portuguese, and Spanish cultures; diagnosing language problems of the non-English speaking child; teaching English as a second language; developing teaching materials for the non-English speaking child; and problems of administering a bilingual program. Participants will be given an opportunity to observe themselves teaching by means of recorded closed circuit television.

The Institute will be offered both for 6 credits and without credit, to make it possible for participants to choose whether they will take it primarily for their own professional growth or to apply it to a graduate program in bilingual education.

For further information and application forms write:

Dr. Charles F. Smith, Jr., Coordinator
Studies in Urban Education
School of Education
Boston College
Chestnut Hill, Massachusetts 02167
Phone: 969-0100, Ext. 2208 or 177

Computer Programing

For High School Students and Secondary School Teachers

June 26-August 4

For information, contact: Stanley J. Bezuska, S.J.

I. COURSE IN COMPUTER PROGRAMING FOR HIGH SCHOOL STUDENTS

Course content includes Fortran and machine language. The student will punch his own programs and will have some opportunity to operate the IBM 1620. This is a non-credit course and the fee for the six-week period will be \$60.

II. COURSE IN COMPUTER PROGRAMING FOR SECONDARY SCHOOL TEACHERS

The teacher will be exposed to the essentials of Fortran and machine language. Stress will be placed on developing programs that are meaningful to the contemporary secondary mathematics curriculum. The teacher will punch his own programs and will have some opportunity to operate the IBM 1620. The course is offered for upper-division undergraduate credit or on a non-credit basis. Tuition for the course is \$70 per credit together with a \$25 laboratory fee and a \$5 registration fee for a total of \$240. Teachers may audit the course for a fee of \$75.

Location: Higgins 265.

Field Investigations in Earth Science

June 26-August 4
S Ge 255-256 ESCP

6 credits

This is the third in a series of three summer sequential institutes in earth science sponsored by the National Science Foundation. Directed by Dr. George T. Ladd, Department of Geology and Geophysics, the Institute will be in session for six weeks, with a total of three weeks on-site field study on Cape Cod.

The Institute is restricted to individuals previously enrolled in the 1970 and 1971 summer institute programs. Further information and application forms may be obtained from:

Dr. George T. Ladd, Director
ESCP Summer Institute
Department of Geology and Geophysics
Boston College
Chestnut Hill, Massachusetts 02167

Group Dynamics and Professional Development

June 26 August 4

3 or 6 credits
and
2 non-credit workshops

Director: Dr. John W. Lewis III
School of Management
Fulton Hall, Room 215
Boston College
Chestnut Hill, Massachusetts 02167

Staff: Dr. Murray Horwitz, Department of Psychology, Boston College; Drs. Dalmar Fisher, Edgar F. Huse, and John W. Lewis, Organizational Studies Program, School of Management, Boston College

Tuition & Fees:

Seminars (with Workshop)—\$210 or \$420 (\$70 per credit) plus
\$5 registration fee

Group Dynamics Workshop only—\$75. Non-credit

Career Development Workshop only—\$50. Non-credit

The Institute will form an interprofessional learning community of graduate and undergraduate students, which will focus on theories and methods for improving both human performance and satisfaction within contemporary social systems. A group dynamics seminar/workshop will be offered in conjunction with application seminars. The application seminars will consist of both classroom and project sessions each week. They will emphasize the uses of group dynamics along with other theories and methods in professional practice, specifically in the areas of individual, organizational and community change in society.

Various levels of participation in the institute will be possible. For academic credit, students may enroll in one or two courses according to three options:

1. For 3 credits, select one of the following course numbers:

S Ps 155—Seminar in Group Dynamics (undergraduates)

S OS 109—Seminar in Group Dynamics (undergraduates)

S GB 481—Seminar in Group Dynamics (graduates)

Course Description:

This seminar combines theoretical, research and experiential approaches to the study of group processes. Members will participate in a workshop, as well as a seminar, and will have the opportunity to observe and analyze a small group's processes as it begins, works and terminates. Different issues arise at different phases of group life, such as goal formation, norm development, role differentiation, problem-solving patterns and styles, etc. Members will be encouraged to examine their own behavior and impact on the group, and assist others in examining their behavior and impact.

Enrollment in the above course is open with the Institute director's permission to graduate and undergraduate students who have had at least one course in psychology, organizational studies, or their equivalent, or prior T-group experience. Participation in Workshop A, as well as seminar sessions, will be required during the summer program.

Seminars: Wednesdays, 3:00-5:00 p.m.

Drs. Horwitz and Lewis

2. For 3 credits, select one of three application seminars:

S GB 484—Seminar in Organizational Development

S OS 185/S GB 485—Seminar in Systems and Social Change

S Ps 251—Seminar in the Dynamics of Intergroup Conflict

N.B. Enrollment in these application seminars is open with the Institute director's permission to graduate students who are taking as a corequisite the Seminar in Group Dynamics, or who have academic credit for that course or its equivalent. Undergraduates must select S OS 185.

S GB 484—Seminar in Organizational Development

This course is concerned with providing the student with approaches, tools and techniques to assist him and the organization to become more effective. Both the individual manager and the successful organization (business, educational, non-profit or other) must be flexible and adaptable to change. This course applies general systems theory to examine the problems of innovation, change and development in modern organizations. It is concerned with (1) how successful and unsuccessful organizations cope with their internal and external environments, and (2) how the organization can be more effective. Emphasis will be placed upon the individual development of the student in addition to assisting him to understand and be more effective in organizational development, change, and innovation. It will include individual or group projects as well as cases, "non-quantitative" business games and the like.

participants. Required for students in the Group Dynamics seminar, but also

S OS 185/S GB 485—Seminar in Systems and Social Change

This seminar applies group dynamics, systems and social psychological theories to the study of problems of change in individuals, institutions, organizations and communities. These will be examined in the light of contemporary social forces and pressures as well as emerging perspectives. Seminar meetings in combination with supervised project work will afford opportunities for students to learn how to enter and influence social systems as agents of change.

Tuesdays and Thursdays, 4:00-6:00 p.m. Dalmar Fisher

S Ps 251—Seminar in the Dynamics of Intergroup Conflict

This seminar will examine the nature of interpersonal and intergroup conflict in a variety of social settings, including organizations and communities. It will develop an understanding of the antecedents, dynamics of escalation, and the constructive resolution of conflict. In conjunction with seminar sessions, application emphasis will be on developing skills in effective intervention in conflict situations.

Tuesdays and Thursdays, 4:00-6:00 p.m. Murray Horwitz

In addition to the above courses, two non-credit workshops will be offered through the institute, each of which is described below:

Workshop "A"—Group Dynamics Non-credit

A three-day weekend group dynamics laboratory which will emphasize development of basic communication skills and interpersonal competence of participants. Required for students in the Group Dynamics seminar, but also open to selected others for a fee and on a non-credit basis.

Friday, July 14, 9:00 a.m. to 9:30 p.m.

Saturday, July 15, 9:00 a.m. to 9:30 p.m.

Sunday, July 16, 9:00 a.m. to 2:00 p.m.

Workshop "B"—Career Development Non-credit

A three-evening format to examine individual career direction in a broad context of living which takes into account personal values, aspirations and feelings of self-worth, as well as the realities of specific job or professional

choice. Using small consultation teams, participants will be guided through a series of structured tasks for the purpose of gaining new clarity about their own personal career future and charting action steps leading toward greater goal fulfillment.

Schedule: 6:00-10:00 p.m., July 18, 19 & 20

For full details on the Institute and permission to enroll, please write or contact the director (address above) for the Institute application form. Within enrollment limitations for academic courses, applications for 6 credits of work will be given preference over the 3 credit options.

Special Program at the Hale Reservation Camp

June 26-August 18

Program Director: Dr. John Dacey

Setting

The Newton Community Center sponsors a Day Camp Program in Westwood, Massachusetts, at the Hale Reservation, fifteen minutes from Boston College. Approximately 140 children will be attending the camp, which is located on 1,000 acres of wooded land with three lakes. The camp is coeducational and the ages range from six to fourteen.

The Program

Enrollees in the program will be candidates for the M.Ed. and doctorate, primarily those interested in a degree in educational psychology. Their study at the camp will emphasize their training as persons within educational systems who will provide in-service introduction of innovative teaching strategies and evaluation of the effects of such strategies. The camp will provide a unique opportunity to practice the skills involved in planning, participating in, and evaluating a variety of educational strategies. It has been our experience that the staff becomes a closely knit unit, providing not only feedback on one's educational ideas and teaching performance, but also a clear view of one's personhood.

The Student Will

1. Play a major role in the planning of the activities for the camp.
2. Be present at the camp each weekday from 9 a.m. to 3 p.m. during the eight weeks the camp is in session (June 26-August 18). He will receive three credits for a Practicum in Educational Psychology (S Ed 212) based on this work, which will be closely integrated with two other courses that the student will take :
 - a. Educational Psychology (S Ed 211A)
 - b. Adolescent Psychology (S Ed 215)
 - c. It is possible to arrange an alternative to one of these two courses, or to take only one of them.

These courses will be held at the campsite from 3 p.m. to 4:30 p.m.

3. Receive a modest stipend from the Newton Community Center. He must, however, pay the regular B.C. course fees.

Enrollment

Enrollment will be limited and, therefore, selective. All persons interested in participating are urged to contact:

Dr. John Dacey
School of Education
Campion Hall, Room 213
Boston College
Chestnut Hill, Massachusetts 02167
Phone: 969-0100, Ext. 358, 2490

The Management of Day Care Institute

June 26—July 14

(4 credits: undergraduate and graduate)

Daily, 9:00 a.m.-12:00 Noon

S Ed 322 B

This Institute will be geared to provide directors and staff of day care centers and undergraduate and graduate students planning to work in day care centers with the necessary skills and information for establishing and implementing a sound day care program for young children. Course content will include: the role of day care, the day care child, state and federal regulations, selecting and equipping the center, staffing, programming, record keeping, family and community relationships, funding and budgeting. Resource persons in day care from the Boston area will contribute to the class discussions. Participants in the institute will have an opportunity to develop solutions to problems in their day care centers.

Enrollment will be limited. For further information contact:

Dr. Eva A. Neumann
School of Education: Early Childhood
Campion 200A
Boston College
Chestnut Hill, Massachusetts 02167

Institute in Marxist Thought

June 26—August 4

This Institute is designed to provide a framework for the serious study of Marxism in its historical development and its relevance to the world of today. Courses will begin from a philosophical viewpoint but will be open to the more immediate historical consequences of Marxist theory and practice. They will treat specifically of questions relating to the Christian/Marxist dialogue and to other aspects of Marxism in the realms of social, political, business and international affairs. The institute will be open to all sorts of candidates, including graduate students in philosophy or religious studies, seminarians or religious, or persons with a more immediate practical orientation in social or political affairs. It will also afford the possibility of going on to an M.A. in Marxist Studies.

Daily Schedule

10:00 General Lecture (by one of the team or by a guest lecturer)

11:00 Coffee

11:15 Question Period
12:00 Lunch
2:00 Small Group Seminar
4:00 Coffee
4:30 General Panel Discussion (Friday and on days with guest lecturer)
8:00 Smoker (Monday and Thursday)

Courses

- Part I (S Pl 114): Historical Foundations of Marxism (June 26—July 14)
A reading and discussion of basic texts from the origins down to the contemporary.
1st week: Hegel, Feuerbach, Early Marx
2nd week: Later Marx, Engels, Lenin
3rd week: Soviet Marxism, Chinese Marxism, Neo-Marxism
- Part II (S Pl 115): Historical Actuality of Marxism (July 17—August 4)
An in-depth reflection on various issues of the contemporary debate with and about Marxism, where each student will specialize in an area of his choice. Four options will be offered:
(a) Marxism and Philosophy
(b) Marxism and Ethics
(c) Marxism and Society
(d) Marxism and Theology
Cross-referencing between the groups will be made possible by a general lecture to be given each day by one of the group leaders or by a guest lecturer and resource person.

Teaching Staff

The institute will be team-taught by four professors:

Frederick J. Adelman, S.J.
Thomas J. Blakeley
Oliva Blanchette, S.J.
David Rasmussen

Guest lecturers and resource persons to come in at different times will include:

Robert Cohen, Boston University
George Kline, Bryn Mawr
Joseph Liu, University of Quebec at Montreal
Kalman Silvert, Ford Foundation
Leon Smolinski, Boston College and Harvard
Marx Wartofsky, Boston University

Registration and Credit

Students will be expected to register for both parts of the institute. But there will be the possibility of registering for only one part, with the understanding that no one will be allowed into the second Part without having had the first Part or its equivalent. Three graduate credits will be available for each part.

Fees will include \$70 per credit plus a registration fee of \$5. For those not taking the course for credit, the fee will be \$150 per course plus a registration fee of \$5.

Room and Board

Room and board will be available in special houses reserved for the members of the Institute. Housing applications will be forwarded upon request. For further information write to:

Rev. Oliva Blanchette, S.J., Director
Institute in Marxist Thought
Lyons Hall 132A, Boston College
Chestnut Hill, Massachusetts 02167

Summer Institute in Mathematics

For Junior and Senior High School Teachers

June 26—August 4

Director: Stanley J. Bezuszka, S.J.

This Institute is sponsored by the National Science Foundation and is operated primarily for those who receive grants. A limited number of non-National Science Foundation students are welcome to enroll in the courses as tuition students. The tuition fees are based on \$70 per credit.

A total of four graduate credits will be granted upon successful completion of each course. A full-time program of study consists of two courses: Abstract Algebra; Vector Analysis.

Those interested should consult the Director for additional details, prerequisites, and permission to enroll.

Location: Higgins Hall; Room 423

Project: Nursing Television

Dates: June 30—August 4

3 credits

Tuesdays and Fridays, Except July 4th

10 half-hour viewing sessions

Channel 44, 6:30 p.m.

Project Nursing Television provides the registered nurse with an opportunity to acquire three academic credits towards the Bachelor's degree by viewing a nursing course (S Nu 55e—The Nursing Process, see course description, p. 65) on open-circuit television and completing assignments from a study syllabus.

The student may participate in either or both of the following ways: 1) by viewing the course from home and completing the assignments by mail, communicating any questions to the professor by mail or telephone, or 2) by attending class seminars on campus where she views the program on monitors and has the opportunity to participate in discussion based on the program material. Room: Cushing 1, 6:15-7:15 p.m.

All enrollees will be issued library cards for the School of Nursing library and a copy of the Study Syllabus when they register.

Upon successful completion of the final assignment, grades will be sent to all students and three undergraduate credits granted. Students may register for this course by following directions for course registration described in this bulletin.

Institute for the Study of Religious Education and Service

June 19—July 28

The Institute is a continuing, four-summer, 30-credit program leading to the degree of Master of Education in Religious Education. Offered jointly by the Theology Department and the School of Education, its purpose is to provide specialized preparation for the teaching of religion at all levels. Students may continue their studies for the degree during the academic year.

Enrollment in the 1972 Institute will be limited to eighty First Year Students and 80 Second Year Students, plus a small number who wish to take the Institute in either group for one summer only. A Certificate in Religious Education will be granted to students who attend two summer institutes and earn 15 credits (12 course credits, plus 3 credits for a project designed by the student and approved by the Director).

1972 Institute Program

First Year Students

9:30-12:00—June 19-30—The Church and Modern Religious Education

Rev. Richard McBrien

July 3-14—Current Moral Problems in Religious Education

Rev. Richard McCormick, S.J.

July 17-28—Psychological Aspects of Religious Education

Rev. John R. McCall, S.J.

For credit purposes, this lecture series will be divided and numbered as follows:

S Th 190—The Church and Modern Religious Education (3 credits)

S Ed 277—Psychological and Moral Aspects of Religious Education (3 credits)

Second Year Students

9:30-12:00—June 19-30—Christology Approached Through Major Literary Works

Rev. Hamish Swanson

July 3-14—Current Developments in Ecclesiology

Rev. Avery Dulles, S.J.

July 17-28—Christ and the Gospels in Modern Scripture

Rev. George MacRae, S.J.

For credit purposes, this lecture series will be divided and numbered as follows:

S Th 268—Modern Scholarship in Scripture and Ecclesiology (3 credits)

S Ed 274—Literary Methodology in Religious Education (3 credits)

Afternoon seminars and/or panel discussions will be offered from 2:30 to 4:30 for small groups of First and Second Year Students to deal with practical aspects of the teaching of religion. It is possible, in certain circumstances and with the approval of the Director, to take the afternoon sessions for an additional 3 credits under the course number S Ed 275.

The four-summer program of morning lectures provides 12 credits in theology and 12 credits in education toward the 18 credits required in theology and the 12 credits required in education. The remaining 6 credits in theology may be:

- a) transferred from an accredited college or university, with grades of B, or better;

- b) earned at Boston College, or at a member institution of the Boston Theological Institute, or at an accredited college or university accessible to the student during the academic year;
- c) earned by taking the afternoon sessions for credit during two summer Institutes, with the permission of the Director;
- d) earned by undertaking a special project in religious education, with the permission and approval of the Director.

For further information and application forms, write to:

Mrs. Elinor Stetson
Theology Department
Boston College
Chestnut Hill, Massachusetts 02167

Seminar and Practicum in Remedial Reading

June 26-August 4
S Ed 322D

6 credits

Daily, 8:30-11:30 a.m.

Coordinator: John F. Savage

This program is designed to provide clinical experience for reading supervisors, remedial reading teachers, elementary classroom teachers, consultants, and other reading specialists.

The focuses are on procedures for diagnosing reading disabilities, techniques for correctional treatment and materials for use in remedial reading classes. The program involves supervised tutoring of an elementary grade pupil with reading problems, in an off-campus reading laboratory: The Nazareth Child Care Center in Jamaica Plain.

Though offered primarily for graduate students enrolled in the Reading Specialist Program, other qualified candidates will be accepted.
Prerequisite: Prior consent of Dr. John F. Savage, Coordinator.

Summer Television Workshop

S Ed 296A—Instructional Television: Theory and Production
(SA 196A—for undergraduate credit)

June 26-July 28

6 Graduate or Undergraduate credits

The Summer Television Workshop is offered annually by the Department of Speech Communication and Theatre in cooperation with the Boston Catholic Television Center. Classes meet weekdays 9:30 a.m.-12:30 p.m. and 1:30-3:30 p.m. during the five-week period.

The workshop provides extensive training and experience for teachers and administrators (academic, medical, and industrial) in the utilization of television in educational systems. Study is centered in four areas: (1) application of television in curriculum development, (2) administration of television in instructional systems, (3) research and evaluation, and (4) television and related media production.

Six graduate or undergraduate credits may be earned by successful completion of the course. Applicants must hold either a Bachelor's degree or be classified as a Senior at an accredited institution. Enrollment is limited. Applications are processed in order of receipt. Students will be notified of acceptance within 3 weeks of application.

Total cost of the Workshop is \$450, which includes tuition, laboratory fees, and Summer Session Registration.

For an application or more information, write:

1972 Summer Television Workshop
Dept. of Speech Communication and Theatre
Boston College
Chestnut Hill, Massachusetts 02167

The Boston College Upward Bound Program

Upward Bound helps high school students from low-income families develop the skills and motivation necessary for success in college. Upward Bound students are generally admitted after completion of the 10th or 11th grades. They live on campus during the summer and participate in a variety of academic, social, and cultural activities. There is also an academic year component which enables Upward Bound students to have a continuous program throughout the entire year.

Upward Bound selects students on the recommendations of teachers and social service agencies, etc. Upward Bound does not seek the "A" student but rather youths with academic potential who have not had the opportunity to realize or demonstrate their talents.

The on-campus summer program consists of a 7-week session. It normally includes reading, writing, courses in arts and sciences, field trips, and cultural events.

For further information, contact:

Mr. Ulysses Shelton, Director
Upward Bound Office
Tel. No.: 969-0100, extension 560
Boston College
Chestnut Hill, Massachusetts 02167

Graduate Division School of Management

The Graduate Division of the School of Management offers graduate level courses during the summer in connection with its Masters in Business Administration program.

Core courses and electives are offered in the areas of environmental studies, organization studies, management operations (marketing, production, finance), management information systems, and business policy. These courses are available to students in other M.B.A. programs and to other qualified graduate level students. Additional information is available through the School of Management, Graduate Division Office, Fulton Hall, Room 306 (B.C. extension 2278).

Please note, the M.B.A. program summer semester runs from *June 13 to August 1*. Most classes meet in the late afternoon or evening, two meetings per week, two-hour sessions.



Program of Instruction

Course Numbers

- 001-099 undergraduate courses, lower division
- 100-199 upper division courses which may be taken for undergraduate or graduate credit
- 200-299 graduate courses
- 300-399 graduate seminars
- 400-500 special projects at Doctoral level

The letter "e" after a course number indicates that the course is given in the evening.

Class Schedules

Morning courses numbered through 199 meet daily, Monday through Friday.

Courses numbered 200 and above meet five times the first week, three times weekly thereafter, according to the ruling of the Department and the discretion of the professor.

Evening courses meet daily, Monday through Thursday.

Specific course times are listed under the description of each course. Unless otherwise indicated immediately after the title of each course, all courses run for six weeks—June 26 to August 4.

Classroom Location

The classroom location and room number are shown after the time of the course, under the course description. If it becomes necessary to change classroom schedule and location, the changes will be posted in the East foyer of Roberts Center at time of registration and on the classroom door. See campus map for location of buildings.

Description of Courses

Accounting

ARTHUR L. GLYNN, Chairman

OFFICE: Fulton 314

***S Ac 1e—Financial Accounting Information Systems—(June 26-July 14)**
(3 credits)

This course deals with the formal financial accounting information processing system, the end products of which are the various financial statements

presented to investors, creditors and other parties. Accounting procedures are studied from the standpoint of providing the important tools for subsequent analysis of the financial statements.

Daily, 6:00-9:45 p.m., Carney 304

Arthur L. Glynn

***S Ac 2e—Managerial Accounting—(July 17-August 4)**
(3 credits)

A continuation of Financial Accounting Information Systems, this course stresses the usefulness of accounting data as it relates to the managerial decision-making process. Accounting applications are integrated with the broad objectives relative to planning control and analysis. Among the multi-faceted areas of study are financial statement analysis, budgeting, standard cost analysis and capital expenditure planning and control.

Daily, 6:00-9:45 p.m., Carney 304

Frederick Zappala

* The Financial Accounting and Managerial Accounting courses are basic courses. They are advantageous for the individual contemplating law school, graduate school or immediate entry into the business world.

S Ac 51e—Intermediate Accounting I—(June 26-July 14)
(3 credits)

Emphasis is placed on the application of accounting theory and practice. An intensive study is made of the concepts and principles of accounting by the analysis of the measurement and reporting of selected balance sheet items such as cash, receivables, inventory and fixed assets. Prerequisite: a basic accounting course.

Daily, 6:00-9:45 p.m., Carney 306

Stanley Dmohowski

S Ac 52e—Intermediate Accounting II—(July 17-August 4)
(3 credits)

A continuation of Intermediate Accounting I wherein balance sheet items, liabilities, reserves and equities are analyzed. In this course cash flow, fund statements and analysis of financial statements are covered.

Daily, 6:00-9:45 p.m., Carney 306

Louis Corsini

Biology

DONALD J. PLOCKE, S.J., Chairman

OFFICE: Higgins 321

S Bi 21—General Biology I—(June 26-July 14)
(3 credits; with laboratory, 4 credits)

An introduction to the study of plant and animal life with emphasis on botany and invertebrate zoology.

Daily, 9:00-11:00 a.m. (lecture), Higgins 266

11:00 a.m.-1:00 p.m. (laboratory), Higgins 210-216

Laboratory fee: \$25

Francis L. Maynard

S Bi 22—General Biology II—(July 17-August 4)
(3 credits; with laboratory, 4 credits)

A continuation of General Biology I with emphasis on the structure and function of vertebrates.

Daily, 9:00-11:00 a.m. (lecture), Higgins 266

11:00 a.m.-1:00 p.m. (laboratory), Higgins 210-216

Laboratory fee: \$25

Francis L. Maynard

Si Bi 140—Topics in Botany
(4 credits)

Selected subjects in plant science, with emphasis on recent advances in fine structure, systematics, drug plants, adaptation, phylogeny and genetics.

MWF, 10:00-11:00 a.m. (lecture), Higgins 422

T Th, 1:00-4:00 p.m. (laboratory), Higgins 216

Prerequisites: One year each of biology and chemistry. For graduate students and advanced undergraduate students.

Laboratory fee: \$25

Yu-Chen Ting

S Bi 297—Directed Research
(6 credits)

By arrangement

The Department

S Bi 299—Readings and Research
(3 credits)

By arrangement

The Department

Business Law

WILLIAM B. HICKEY, Chairman

OFFICE: Fulton 316

S B1 1e—Real Estate
(3 credits)

This is a "down-to-earth" course combining the theory and practice of the ownership and management of real estate. It is an excellent background for real estate brokers, owners of property, tenants, and managers. Course content includes deeds, mortgages, leases, title examinations, appraisals, liens, easements, etc.

Daily, 8:00-9:45 p.m., Carney 206

Vincent A. Harrington

S B1 108—Introduction to Law and Legal Environment
(3 credits)

This is a liberally oriented introduction to the study of law and legal institutions. It is a combination of the law in the books and the law in action. It includes a study of American courts systems, the nature of legal decision-making, the nature and meaning of constitutional Law, qualifications of the judiciary, common law backgrounds, and legal and equitable rights and remedies.

Daily, 9:00-10:15 a.m., Fulton 203

William B. Hickey

S B1 109—The Law of Business Organizations
(3 credits)

This course concerns the legal environment of business. It treats the legal methods of doing business and the environmental problems of business today. Course content includes a study of single proprietorship, partnerships, trusts, corporations, and instruments of finance.

Daily, 10:20-11:35 a.m., Fulton 203

William B. Hickey

Chemistry

ROBERT F. O'MALLEY, Chairman

OFFICE: Devlin 223

S Ch 5—General Chemistry I—(June 26-July 14) (3 credits; with laboratory, 4 credits)

An introduction to the principles of chemistry with suitable applications. The topics discussed include atomic structure, atomic weights, stoichiometry, gas laws, electronic structure.

Daily, 9:00-10:15; 10:30-11:30 a.m., (lectures) Devlin 12

12:00-2:00 p.m., (laboratory) Devlin 403

Laboratory Fee: \$25

Dennis J. Sardella

S Ch 6—General Chemistry II—(July 17-August 4) (3 credits; with laboratory, 4 credits)

A continuation of S Ch 5. Topics include chemical kinetics, solutions, chemical equilibria, oxidation-reduction, electrochemistry, study of selected elements.

Daily, 9:00-10:15; 10:30-11:30 a.m., (lectures) Devlin 12

12:00-2:00 p.m., (laboratory) Devlin 403

Laboratory Fee: \$25

E. Joseph Billo

S Ch 31—Organic Chemistry I—(June 26-July 14) (3 credits; with laboratory, 4 credits)

The study of the chemistry and properties of typical classes of organic compounds, including spectroscopic methods.

Daily, 9:00-10:15; 10:30-11:30 a.m., (lectures) Higgins 262

12:00-2:00 p.m., (laboratory) Devlin 402

Laboratory Fee: \$25

George Vogel

S Ch 32—Organic Chemistry II—(July 17-August 4) (3 credits; with laboratory, 4 credits)

A continuation of S Ch 31, including the chemistry and properties of carbohydrates, amino acids and proteins.

Daily, 9:00-10:15; 10:30-11:30 a.m., (lectures) Higgins 262

12:00-2:00 p.m., (laboratory) Devlin 402

Laboratory Fee: \$25

O. Francis Bennett

S Ch 155—Structure of Molecules (3 credits)

The theory and physical methods of determining structures of molecules are discussed, including IR, UV and NMR spectra. (This course is applicable to the M.S.T. program.)

Daily, 10:20-11:35 a.m., Carney 2

John R. Trzaska, S.J.

S Ch 301—Thesis Seminar (3 credits)

A research problem requiring a literature search and an original investigation under the guidance of a faculty member. (This course is applicable to the M.S.T. program.)

By arrangement

The Department

**S Ch 305—Thesis Direction
(2 points)**

A two-point non-credit course.

By arrangement

The Department

Classical Studies

REV. DAVID GILL, S.J., Acting Chairman

OFFICE: Carney 122

**S Lt 1-2—Elementary Latin
(6 credits)**

An intensive beginner's course in Latin Grammar designed to develop facility in reading Latin by use of carefully graded selections from such authors as Caesar, Cicero, and Livy.

Daily, 10:00 a.m.-1:00 p.m., Carney 4

Malcolm McLoud

**S Lt 141-241—The "Aeneid"
(3 credits)**

In this course on Vergil's *Aeneid*, designed for students of varying proficiency and experience in Latin, we will read in the original good portions from selected books and the entire work in translation. The emphasis will be on the literary qualities of the *Aeneid* as an epic of Western literature. There will be lectures, translations, and class discussion. The amount of text to be read in Latin by the individual student is flexible and will be apportioned with regard to his qualification and needs. No papers required.

Daily, 10:20 a.m.-11:35 a.m., Carney 5

Eugene W. Bushala

**S Lt 156-256—Cicero as Philosopher: "De Natura Deorum"
(3 credits)**

A study of this fundamental work. Equal attention will be given to its Latinity and philosophic content. Cicero's place in the history of Greek philosophy will be investigated.

Daily, 9:00 a.m.-10:15 a.m., Carney 2

Robert Renehan

Economics

HAROLD PETERSEN, Chairman

OFFICE: Carney 131

**S Ec 31e—Principles of Economics I—Micro—(June 26-July 14)
(3 credits)**

This course deals with determination of prices, output, and income distribution through the interaction of households and business firms in a free-enterprise economy. Government intervention and alternative systems are examined, and basic analytical tools are applied to such current economic problems as pollution and congestion, poverty and welfare, and minority economic development.

Daily, 6:00-9:15 p.m., Carney 10

Harold Petersen

**S Ec 32e—Principles of Economics II—Macro—(July 17-August 4)
(3 credits)**

This course introduces the student to an analysis of the determination of the level of income and employment, fluctuations in income, monetary and

fiscal policy, inflation and growth. Particular attention will be paid to problems of wage and price control in the U.S. economy.

Daily, 6:00-9:15 p.m., Carney 10

Harold Petersen

**S Ec 51e—Elementary Statistics
(3 credits)**

The purpose of this course is to equip the student with techniques of analysis and interpretation of quantitative data. The following topics are considered: descriptive statistics, basic probability, probability distributions, sampling and estimation, testing statistical hypotheses, and simple linear regression. This is a self-contained course in statistical inference as applied to economics.

Daily, 6:00-7:45 p.m., Carney 11

William Duffy

**S Ec 299—Readings and Research
(3 credits)**

By arrangement

The Department

Education

LESTER E. PRZEWLOCKI, Chairman

OFFICE: Campion 103

**S Ed 192—Psychological Assessment of Exceptional Children
(6 credits)**

An introductory course in the program to prepare teachers of multi-handicapped children. Considers the team approach to the assessment and includes direct observation of assessment procedures at the Developmental Clinic at Children's Hospital as well as other facilities in the area. Limited to students in program to prepare specialists in deaf-blind education. Three full days per week for six weeks.

By arrangement

Jean F. Mooney

**S Ed 202—Modern Educational Thought
(3 credits)**

A survey of recent and current philosophies of education through the writings of representatives of the major positions.

11:45 a.m.-1:00 p.m., Campion 302

Pierre D. Lambert

**S Ed 203—Philosophy of Education
(3 credits)**

Fundamental educational problems: the nature of the learner; the agencies responsible for education; the rights of parents, Church, and state regarding education; and the philosophical aspects of curriculum and methodology.

10:20-11:35 a.m., Campion 302

Pierre D. Lambert

**S Ed 204—Evolution of Educational Doctrine
(3 credits)**

An historical and philosophical study of the evolution of educational theory.

9:00-10:15 a.m., Campion 303

Edward J. Power

S Ed 208—Sociology of Education

See S Sc 254, Carney 202.

S Ed 209—History of American Education I
(3 credits)

A culturally-centered inquiry into seventeenth, eighteenth, and nineteenth century elementary, secondary, and higher education in the United States.
10:20-11:35 a.m., Campion 303 Edward J. Power

S Ed 211—Educational Psychology
(3 credits)

A study of developmental tendencies with emphasis upon the nature of intelligence and factors affecting the learning process.
9:00-10:15 a.m., Carney 204 Edward H. Nowlan, S.J.
10:20-11:35 a.m., Carney 204 William K. Kilpatrick

S Ed 211A—Educational Psychology
(3 credits)

Same as S Ed 211, but offered only to students participating in S Ed 212, Practicum in Educational Psychology, held at the Hale Reservation.
John S. Dacey

S Ed 212—Practicum in Educational Psychology
(3 credits)

The practicum is designed to give experience in experimentation with creative teaching strategies, and the evaluation of the effects of such strategies. Students will serve as teachers in the nine-week summer camp near Boston College, for which the camp will pay a stipend. They should be enrolled in Educational Psychology (S Ed 211A) and Adolescent Psychology (S Ed 215), which will be taught at the camp site as an integral part of the experience (although alternative Summer School courses will be considered). Seminars in group dynamics, institutional change, and evaluation of educational strategies will be conducted. Permission of the Instructor is required. Open only to students enrolled in the Institute at Hale Reservation Camp. See *Special Programs*.

John S. Dacey

S Ed 214—Modern Psychology and Education
(3 credits)

An analysis of classical and modern theories of learning and their practical classroom implications.
10:20-11:35 a.m., Campion 201 John F. Travers, Jr.
11:45 a.m.-1:00 p.m., Campion 201 William K. Kilpatrick

S Ed 215—Adolescent Psychology
(3 credits)

The Psychology of Adolescence is an empirical and theoretical study of the adolescent personality through an analysis of developmental changes, behavioral characteristics, and the phenomena of psychic growth. Basic principles important to teaching adolescents will be emphasized. (Students wishing to enroll in S Ed 212, Practicum in Educational Psychology, may also enroll in this course. However, their classes will be held at the Hale Reservation.)
9:00-10:15 a.m., Campion 204 John S. Dacey

S Ed 216—Child Psychology
(3 credits)

Child development is presented as a continuous, complex process involving the interaction of a biological organism with its physical, psychological

and social environment. Normal development, from conception to adolescence, is discussed within the framework of contemporary theories of child growth.

9:00-10:15 a.m., Campion 201

John F. Travers, Jr.

**S Ed 221C—M.A.T.-M.S.T. Pre-Intern Program
(9 credits)**

The study of instructional materials, methods, and the technology of teaching considered appropriate to the intern teacher's specialized field. Special effort is made to include experiences which contribute to the improvement of instruction in the summer program and which strengthen the intern teacher's readiness to assume full responsibility for his classes during the year of internship.

During the morning hours of the Framingham Six-Week Academic Summer Program, intern teachers have the opportunity to observe classes in a number of subject-matter fields. They work primarily in the field of their specialty. Here, as members of a teaching team under the direction of their cooperating teacher, they practice the role of the teacher through supervised analysis of classroom management, planning lessons, preparing materials, keeping records, evaluating the work of students, tutoring individual students, working with small groups, assisting in large group instruction, acting as laboratory assistants, and teaching complete lessons.

The Pre-Intern Program is open only to those enrolled in Plan A, MAT/MST and includes:

S Ed 220C—Student Teaching, Secondary School (3 credits)

S Ed 224C—Methods and Materials of Teaching (3 credits)

S Ed 211—Educational Psychology (3 credits)

Edward Smith, *Director*

**S Ed 223E—Urban Education: Crucial Issues I
(3 credits)**

Exploration of various aspects of teaching in the inner-city schools: problems confronting the teacher; effects of economic, cultural, and ethnic differences on the development of the student; attitudes of the teacher toward teaching in urban area schools.

10:20-11:35 a.m., Carney 308

Charles F. Smith, Jr.

**S Ed 224D—Developmental Reading Instruction
(3 credits)**

Designed for experienced teachers who have had an undergraduate course in teaching, this course involves examination of research, innovative practices, techniques and materials for teaching reading in the elementary school.

9:00-10:15 a.m., Campion 105

Frances Powell

**S Ed 225A—Children's Literature
(3 credits)**

The purpose of this course is to survey quality prose and poetry for developing an effective program in children's literature. Criteria for book selection and teaching procedures are examined.

10:20-11:35 a.m., Campion 105

Joan Jones

**S Ed 225D—Diagnostic and Remedial Reading
(3 credits)**

An advanced course for experienced teachers, it is designed to give the

classroom teacher, reading supervisor, or special reading teacher skill in diagnosing and removing reading deficiencies.

11:45 a.m.-1:00 p.m., Campion 105

Frances Powell

S Ed 225F—Production of Instructional Materials
(3 credits)

An intensive workshop analysis of basic principles of design and use of graphics. Demonstration and use of equipment for producing varied instructional materials including mounted still pictures, overhead transparencies, slides, filmstrips, 8mm and 16mm films, slide-tape presentations, bulletin board displays and feltboard applications. Students will demonstrate ability to utilize basic equipment and methods for the creation of instructional materials. Individual student projects in film-making and transparency-making will be required.

10:20-11:35 a.m., Campion 13

Fred John Pula

S Ed 226A—Language Arts in the Elementary School
(3 credits)

Focus is on the place of the language arts in the total elementary school curriculum. Topics include the integration of listening, speaking, reading and writing; research in language arts; innovations in the language curriculum; and materials for teaching language arts in the elementary school.

9:00-10:15 a.m., Campion 107

Joan Jones

S Ed 240—Principles and Techniques of Guidance
(3 credits)

The principles, philosophy, practices and tools employed in organized guidance programs. A basic professional course for future workers in the field of guidance and personnel, as well as a survey for teachers and administrators accompanied by brief laboratory experience in phases of guidance. Open only to students enrolled for a degree.

10:20-11:35 a.m. MWTh, McGuinn, Third Floor Lounge

William C. Cottle

S Ed 241—Organization and Administration of Guidance and Personnel Services
(3 credits)

Starting, organizing, administering and evaluating guidance services at various educational levels. Emphasis on philosophical framework for action, and an understanding of human relations problems in administration.

10:20-11:35 a.m., Carney 203

John J. Shea

S Ed 243—Counseling and Group Processes in the Elementary School
(3 credits)

A study of counseling and supporting group processes as they apply to the role of the elementary school guidance worker. Theory and practice for the guidance worker in establishing relationships with students, teachers and parents. Laboratory experience in group dynamics.

11:45 a.m.-1:00 p.m., Campion 107

Sr. Kathleen Murphy, O.P.

S Ed 251—Introduction to Educational Administration
(3 credits)

An overview of the field of educational administration, this course will consider the organization of American education in terms of its local, state, and federal relationships; the administration of American education in terms of general policies and practices utilized at its various levels; current issues in organization and administration.

11:45 a.m.-1:00 p.m., Carney 203

Vincent C. Nuccio

S Ed 252—Personnel Administration
(3 credits)

Problems of staffing, including recruiting, selecting, retaining, and evaluating, with emphasis on optimum use of human resources. Relation of the administrator to various policy-making bodies, to professional and lay publics, and to student personnel.

9:00-10:15 a.m., Carney 102

Edward J. Norton, S.V.D.

S Ed 253B—Federal Funding and Local School Operation
(3 credits)

The purpose of this course is to examine sources of federal and state funds available to educational institutions, public and private, as well as the issues raised by the implications of funding, such as: the shortage of qualified staff to implement new programs, local autonomy vs. categorical aid, general aid vs. categorical aid with respect to innovation and/or improvement in educational opportunities. Topics will vary to include a study of most recent legislation and issues resulting therefrom. Students will have opportunities to acquaint themselves thoroughly with guidelines through the writing of individual proposals requesting grants.

11:45 a.m.-1:00 p.m., Carney 102

Donald T. Donley

S Ed 255—The Middle and High School Principalship
(3 credits)

This course will deal with current administrative principles and practices essential to effective school organization and management. Students study the interaction of the major sets of sub-systems: curriculum development, personnel development, organizational, and instructional. Considerable attention is given to scheduling, differentiated staffing, plant operations, student activities, and role of the principal are examined both theoretically and operationally.

9:00-10:15 a.m., McGuinn 211

William M. Griffin

S Ed 256—Legal Aspects of Educational Administration I
(3 credits)

The legal rights, duties, and liabilities of school personnel generally in relation to their employing educational agencies, their professional and non-professional colleagues, pupils, and parents. An introductory course intended for classroom teachers, prospective administrators, and practicing administrators.

10:20-11:35 a.m., Carney 104

Paul Schneiders

S Ed 259—Supervision I
(3 credits)

This course is designed for persons preparing for or currently in supervisory positions such as principals, supervisors, heads of departments, and team leaders. It deals primarily with instructional supervision at the classroom level. Variables related to an instructional act are identified and evaluation procedures developed. The course depicts modern trends in supervision and students get practice in new techniques (such as micro-teaching) which aim to improve the instructional setting.

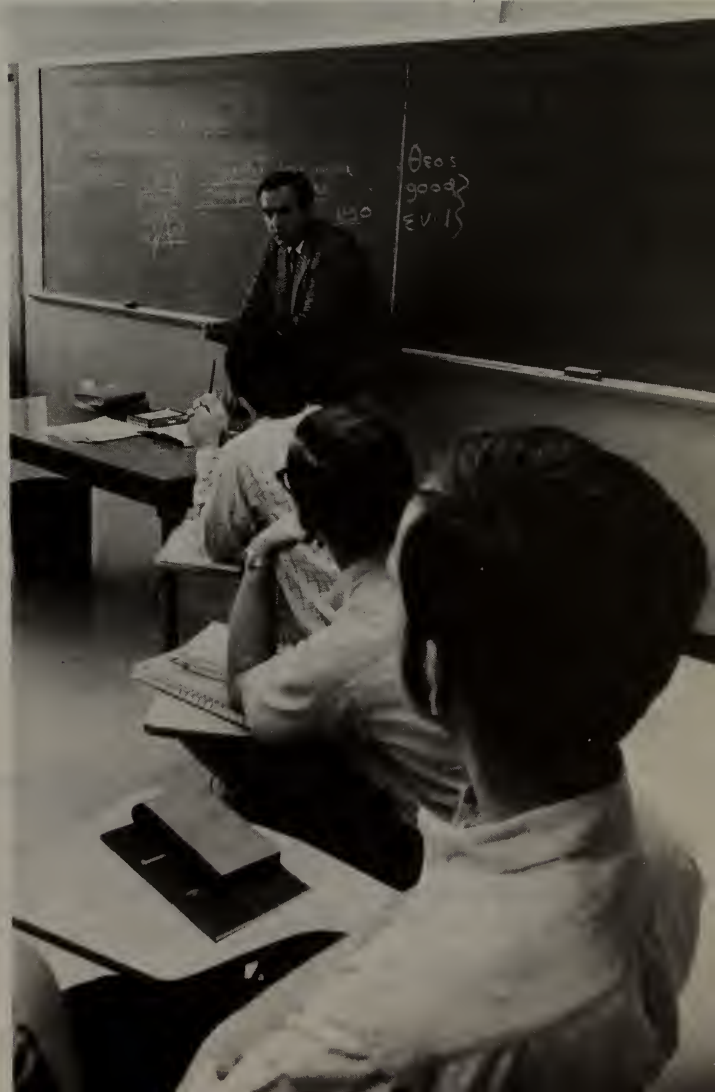
10:20-11:35 a.m., Campion 305

William M. Griffin

S Ed 260—Research Methods in Education
(3 credits)

An introduction to the research literature in education and to the prin-





cial methods employed in the study of educational problems. The course focuses on the development of the understandings and skills needed in the interpretation of research reports. This course is required of all graduate students in education.

9:00-10:15 a.m., Campion 300

John J. Walsh

10:20-11:35 a.m., Campion 300

John Jensen

11:45 a.m.-1:00 p.m., Campion 300

Peter W. Airasian

S Ed 262B—Tests and Measurements
(3 credits)

Survey of testing and evaluation. Topics to be covered include measurement, evaluation, cognitive and affective testing, reliability, objectivity, and validity.

9:00-10:15 a.m., Campion 207

To be announced

S Ed 263—Advanced Social Psychology

See S Sc 228, McGuinn 340.

S Ed 264—Individual Intelligence Testing
(3 credits)

This course will develop basic skills in intelligence assessment and acknowledge proficiency within this area of evaluation. A certificate of administration will be awarded to those who successfully demonstrate mastery of the Stanford-Binet and Wechsler techniques.

10:20-11:30 a.m., Campion 107

Ena Nuttall

S Ed 265—Group Psychological Tests
(3 credits)

This course covers theory and laboratory practice with most of the group psychological tests used in a program of guidance services.

9:00-10:15 a.m., Carney 103

Kenneth Wegner

S Ed 266—Information Processing
(3 credits)

Designed for students with little or no prior exposure to information processing procedures and equipment. The history of data processing and the nature of contemporary punched-card and electronic information storage will be introduced. Use of existing library programs and the planning and writing of Fortran programs.

9:00-10:15 a.m., Campion 305

John Jensen

S Ed 273—Special Projects in Religious Education
(3 credits)

(See Religious Education Institute under *Special Programs*.)

Individual projects and independent study with the approval of and under the Director of the Institute for the Study of Religious Education and the Associate Dean of the School of Education.

By arrangement

John R. McCall, S.J. and Staff

S Ed 274—Literary Methodology in Religious Education—(June 19-30)
(3 credits)

(See Religious Education Institute under *Special Programs*.)

Christology: a Theological subject approached through the consideration of some major works of literature.

9:00 a.m.-12:00 p.m.

Rev. Hamish Swanston

S Ed 275—Seminar in Religious Education
(Credit by arrangement)

(See Religious Education Institute under *Special Programs*.)

Afternoon practica in the teaching of religious education at all levels. May be taken for credit with approval of the Director of the Institute of the Study of Religious Education and the Associate Dean of the School of Education.

3:00-5:00 p.m.

John R. McCall, S.J. and
Visiting Lecturers

S Ed 277—Psychological and Moral Aspects of Religious Education—(July 7-28)
(3 credits)

(See Religious Education Institute under *Special Programs*.)

The contribution of Moral Theology to current problems, in experience and in teaching; developmental stages in value systems from infancy to adulthood.

9:00 a.m.-12:00 p.m.

Richard McCormick, S.J.
John R. McCall, S.J.

S Ed 280A—Student Teaching in Special Classes
(6 credits)

For students preparing to teach children who are emotionally disturbed, mentally retarded, mentally retarded and blind, or who have special learning disabilities. Ten weeks in a special class in the area of the student's major, preceded by special clinical and teaching aid experiences. Open only to Boston College students in Special Education, with the permission of Dr. John Eichorn.

By arrangement

Staff

S Ed 280C—Practicum III for Mobility Therapists
(3 credits)

This is the "Internship" phase. When the student has successfully completed the previous phases, he is assigned to an agency, which is usually out of the State of Massachusetts, for a teaching experience under the supervision of the cooperating agency or school as well as the Staff of the Peripatology Program.

By arrangement

Staff

S Ed 281B—Dynamics and Education of the Emotionally Disturbed Child
(3 credits)

Causes, characteristics and treatment of emotional disturbance in children; educational programs, role of the teacher, school and community agencies. An informal assessment of the student's ability to evaluate research will be conducted at the first class meeting. Students who show deficiencies in this area will be required to attend a series of non-credit orientation lectures.

9:00-10:15 a.m., Carney 202

Philip A. DiMattia

S Ed 281D—Communication Skills for Children with Visual and Hearing Impairments
(3 credits)

A course in the reading and writing of Grade II (Literary) Braille and Nemeth Code (Mathematical Braille). Includes teaching of reading and writing using braille and preparation of instructional materials.

9:00-10:15 a.m., Carney 206

Wilma Hull

S Ed 282B—Teaching the Emotionally Disturbed Child
(3 credits)

Methods and materials designed to meet the specific learning problems of emotionally disturbed children. Consideration is given to the organization and planning of learning experiences; classroom management, etc.

10:20-11:35 a.m., Carney 202

Philip A. DiMattia

S Ed 283D—Principles, Problems, and Programs in the Education of Visually Handicapped
(3 credits)

Provides an overview of educational services for visually handicapped and deaf-blind children. A historical review of educational programs and problems associated with the learning and adjustment of these handicaps.

10:20-11:35 a.m., Carney 206

Wilma Hull

S Ed 284A—Psychology and Education of Exceptional Children
(3 credits)

Characteristics, educational provisions for children who deviate significantly from the norms in vision, hearing, intelligence, and in social and emotional adjustment.

10:20-11:35 a.m., Campion 108

To be announced

S Ed 285D—Visual Handicaps and Education
(3 credits)

A study of the anatomy and function of the eye. Included is the use of residual vision, optical aids, and educational implications of various types of eye conditions.

11:45 a.m.-1:00 p.m., Carney 2

William Heisler

S Ed 286A—Meeting the Needs of Trainable Retarded Children (July 17-August 4)
(3 credits)

This course is concerned with curriculum content, physical facilities, and teaching procedures used for the trainable mentally retarded in school.

1:00-4:00 p.m., McGuinn B18

Lawrence A. Gomes

S Ed 286D—Orientation and Mobility for Teachers of the Visually Handicapped
(3 credits)

Designed to give teachers knowledge of basic techniques which help children gain skills toward becoming independent. Includes travel, self-care, organization, social skills and grooming. Emphasis is placed on relating the value of these skills to visually handicapped children, parents and other school personnel.

By arrangement

Robert W. Smith

S Ed 286N—Seminar in Early Childhood Education of Handicapped Children
(June 12-June 30)
(3 credits)

A survey of current methodology employed with young handicapped children. Will include a consideration of Montessori, compensatory education, and enrichment program. Enrollment with permission of instructor.

Daily, 9:00-12:00 noon, McGuinn B18

Katherine Best

S Ed 287F—Teaching the Basic Areas of the Curriculum
(3 credits)

Prerequisite for non-education majors who desire to enroll in special

education. Provides an overview of those areas of the curriculum, teaching methods, and materials used in elementary education which are of significance to teachers of handicapped children.

10:20-11:35 a.m., Campion 208

Joyce Gerard

S Ed 287N—Professional Practicum in Early Childhood Education for Handicapped Children (July 3-August 11)
(3 credits)

Prerequisite: 286N

Conducted in cooperation with existing programs for multihandicapped children in day and residential summer camps, head start programs, and home teaching programs. Included in the practicum will be experience in case study reporting and program development for particular skill areas. Limited to students in Deaf-Blind Teacher Preparation Program.

By arrangement

Katherine Best

S Ed 288A—Evaluation and Guidance of Exceptional Children
(3 credits)

Concerned with tests and measurements as employed with exceptional children. Also considers personal, educational and vocational guidance principles and practices as they relate to those who are handicapped.

9:00-10:15 a.m., Campion 108

Jean K. MacCubrey

S Ed 289G—Special Learning Disabilities
(3 credits)

This course will include a cross-categorical examination of functioning and dysfunctioning in factors connected with learning. Several rationales for the education of children with learning disabilities will be presented, together with the educational assessment procedures and educational programs associated with them.

9:00-10:15 a.m., Campion 208

Joyce Gerard

S Ed 295A—Effective Oral Communication
(3 credits)

(See Speech Communication and Theatre Department for course description and times.)

S Ed 296A—Instructional Television: Theory and Production (June 26-July 28)
(6 credits)

Summer Television Workshop—co-sponsored by Boston College and the Boston Catholic Television Center. (See *Special Programs*.)

9:30 a.m.-12:30 p.m. and 1:30 p.m.-3:00 p.m.

S Ed 297A—Election Preview
(3 credits)

(See Speech Communication and Theatre Department for course description and times.)

S Ed 312A—Abnormal Psychology
(3 credits)

Prerequisite: Consent of J. Moynihan, S.J.

Types of functional personality disorders with emphasis on diagnostic and dynamic aspects. Designed to give counselors and other school personnel basic information for recognition and understanding of mental disturbances. For

people with an extensive background in psychology such as counseling majors or psychology majors. No undergraduates.

11:45 a.m.-1:00 p.m., Carney 106

Bernard A. O'Brien

S Ed 322D—Seminar and Practicum in Remedial Reading
(6 credits)

Prerequisite: Approval of Coordinator.

An intensive study of techniques for diagnosing and treating reading deficiencies in elementary school children. Tutoring of child with reading problem is done under staff supervision. Conducted at the Nazareth Child Care Center, Jamaica Plain, Mass. (See *Special Programs*.)

8:30-11:30 a.m.

John F. Savage

S Ed 340—Counseling and Therapy in Groups
(3 credits)

A consideration of the principles and techniques of group counseling and therapy involving an analysis of current concepts and procedures of various approaches to group dynamics. Taught as a practicum. Enrollment limited. Open to students who have permission of Dr. Wm. Cottle, Director of Counseling, Education Department.

9:00-10:15 a.m., Carney 205

Bernard A. O'Brien

10:20-11:35 a.m., Carney 205

Sr. Kathleen Murphy, O.P.

S Ed 341—Behavior Disorders in Childhood and Adolescence
(3 credits)

An examination of the causes, management and treatment of overt behavioral or acting-out disorders in childhood and adolescence. Emphasis is placed on the schools and juvenile delinquency and specific behaviors such as hyperaggressiveness, truancy, drug and alcohol abuse and delinquency treatment and control.

9:00-10:15 a.m., Carney 203

Francis J. Kelly

S Ed 346—Beginning Counseling Practicum
(3 credits)

Prerequisite: Consent of Professor William C. Cottle.

Work under direct supervision with actual clients wishing educational-vocational counseling in a setting at a level in which the counselor expects to work. Open only to students already on the Practicum List.

9:00-10:15 a.m.

To be announced

9:00-10:15 a.m.

John J. Shea

10:20-11:35 a.m.

Alice Jeghelian

11:45 a.m.-1:00 p.m.

Albert R. Jurgela

S Ed 347—Practicum in Child Guidance
(3 credits)

Prerequisite: Consent of Professor William C. Cottle.

A practicum at the elementary school level for candidates who have completed course work for the master's degree. Open only to students already on the Practicum List.

9:00-10:15 a.m.

To be announced

11:45 a.m.-1:00 p.m.

Francis J. Kelly

**S Ed 348—Advanced Counseling Practicum
(3 credits)**

Prerequisite: Consent of Professor William C. Cottle.

Work under supervision with clients needing counseling for any of the reasons usually occurring in an ordinary high school or college guidance and counseling program. Open only to students already on the Practicum List.

9:00-10:15 a.m.

To be announced

10:20-11:35 a.m.

Kenneth Wegner

**S Ed 355—Administrative Behavior
(3 credits)**

Will study the feasibility of administrative theories for the practitioner and offer opportunities for the practitioner to develop his own administrative theory. All administrative behavior is examined against major administrative theoretical frameworks.

9:00-10:15 a.m., Carney 307

Donald T. Donley

**S Ed 360—Educational Statistics I
(3 credits)**

Methods of data reduction, graphic presentation, measures of central tendency and variability, the binomial distribution and probability, correlation and linear regression, estimation and inference and introduction to hypothesis testing.

10:20-11:35 a.m., Campion 306

Ernest A. Rakow

**S Ed 360C—Nonparametric Statistics
(3 credits)**

Prerequisite: Ed 360 or equivalent.

Procedures of inferential statistics and testing of hypotheses which do not involve specification of conditions about population parameters. These techniques are appropriate for nominal and ordinal data. Topics include chi-square, Cochran Q test, Kolomogorov-Smirnov test, Wilcoxon signed ranks test, Mann-Whitney U test, Kruskal-Wallace analysis of variance for ordinal measurement, contingency coefficient and rank correlation coefficient.

9:00-10:15 a.m., Campion 306

Ernest A. Rakow

**S Ed 365—Personality and Interest Inventories—Theory & Practice
(3 credits)**

A review of theories of personality and interest measurement in guidance and counseling. Intensive study of the construction, purpose, and interpretation of the most commonly used structured personality and interest inventories.

9:00-10:15 a.m., Carney 104

William C. Cottle

**S Ed 370A—The Idea of a University
(3 credits)**

This seminar will examine, compare, and discuss the role of colleges and universities through literature. The authors whose works will be studied include: Newman, Hutchins, Kerr, Goodman, Van Doren and Taylor.

10:20-11:35 a.m., Campion 204

Charles M. Stanton

S Ed 382B—Research in Special Education or Rehabilitation
(3 credits)

An analysis and evaluation of literature concerned with specific aspects of special education or rehabilitation.

By arrangement Staff

S Ed 383A—Projects in Special Education or Rehabilitation
(3 credits)

Open to advanced students only.

By arrangement Staff

S Ed 400—Projects in History and Philosophy of Education
(3 credits)

Open to advanced graduate students only.

By arrangement Staff

S Ed 410—Projects in Educational Psychology
(3 credits)

Open to advanced graduate students only.

By arrangement Staff

S Ed 420A—Projects in Elementary Curriculum and Instruction
(3 credits)

Prerequisite: Consent of Program Coordinator.

Opportunity will be provided for competent students to engage in action research and curriculum construction projects directly related to classroom and school-community needs. Direction includes field observation and consultation by a faculty advisor.

By arrangement Staff

S Ed 420C—Projects in Secondary Curriculum and Instruction
(3 credits)

Prerequisite: Consent of Program Coordinator.

Opportunity will be provided for competent students to engage in action research and curriculum construction projects directly related to classroom and school-community needs. Direction includes field observation and consultation by a faculty advisor.

By arrangement Staff

S Ed 450—Projects in Administration and Supervision
(3 credits)

Under the direction of a faculty member, who serves as Project Director, each student develops and carries to completion a significant field-type study in some area of administration and/or supervision. Open to advanced graduate students only.

To be announced Staff

S Ed 451—Pre-Internship in Educational Administration
(6 credits)

The pre-internship program is offered each summer for a period of six weeks, concurrent with the Boston College Summer Session. It is required for doctoral-level students who have been accepted into an internship (Ed 454) for the academic year. The experiences are designed to allow the intern to

develop competencies which he will need to begin the internship work in the fall.

To be announced

Edward J. Norton, S.V.D., and Staff

S Ed 455—Educational Leadership—(June 26-July 14)
(3 credits)

Will explore the relationship of group dynamics, human relations, etc. to the role of leader in the educational enterprise.

1:45-4:00 p.m., MTWTh

Edward J. Norton, S.V.D.

S Ed 460—Projects in Educational Measurement and Evaluation
(3 credits)

Open to advanced graduate students only.

By arrangement

Staff

S Ed 466—Simulation Models in Behavioral Research
(3 credits)

Mathematical and computer simulations of complex social processes, with special emphasis on those occurring in educational settings. Working in small teams, students will produce a simulation system of some complex process. Computer time on an SEL 7200 Computer will be available. An understanding of FORTRAN will be useful but is not required.

11:45 a.m.-1:00 p.m., Carney 306

Ronald Nuttall

S Ed 474—Colloquium: Community-Junior College
(3 credits)

Each student will explore an area of higher education through the development of a research hypothesis.

9:00-10:15 a.m., Campion 302

Charles M. Stanton

S Ed 482A—Seminar in Special Education
(3 credits)

This course is designed primarily for advanced students. Specific problems in special areas relating to the education of exceptional children will be considered.

By arrangement

Staff

S Ed 483A—Supervised Internship in Special Education and Rehabilitation
(3-6 credits)

Planned for those concerned with administration and/or research in special education or rehabilitation. Experiences available in private and public residential and day schools, state and local departments of education and cooperating public and private agencies.

By arrangement

Staff

English

ANDREW J. VON HENDY, Chairman
PAUL C. DOHERTY, Assistant Chairman

OFFICE: Carney 446
OFFICE: Carney 442

S En 2e—Poetry & Drama
(3 credits)

Readings in poetry and drama, for understanding and appreciation, and composition of critical papers.

Daily, 6:00-7:45 p.m., Carney 5

Nancy Sawaya

S En 23e—Major English Works from the Age of Reason to Modern Times
(3 credits)

This course will continue to trace the depiction of Western Man as found in the best works of English Literature. The course will begin with representative works from the 18th century, the Age of Reason, including the classical poetry of Pope, the satiric prose of Swift, and the critical prose of Johnson. It will then study such representative Romantic poets as Wordsworth, Coleridge, Keats, and such major Victorian poets and essayists as Tennyson, Browning and Arnold. The course will conclude with a study of Yeats and T.S. Eliot as masters of 20th century poetry, and with a representative sampling of the modern drama and novel. The writing assignments will be used on an analysis of the literature works being studied in class.

Daily, 6:00-7:45 p.m., Carney 7

Thomas Hughes

S En 118—The Variety of Literature: The Genres
(3 credits)

The course aims at expanding the student's literary experience by making him knowledgeable in a wide variety of genres in prose and verse. Examined will be British and American literature and literature in translation, and such genres as the epic, the mock-epic, folk and art balladry, the hymn, the elegy, the epithalamion, the sonnet, the dramatic monologue, the fable, the fairy tale, the novel, the essay, etc.

Daily, 10:20-11:35 a.m., Carney 306

Francis McDermott

S En 123—Chaucer: "The Canterbury Tales"
(3 credits)

Readings in the *Tales*, with emphasis upon Chaucer's view of the society and his use of the literary genres of his age.

Daily, 10:20-11:35 a.m., Carney 304

Charles Regan

S En 135—Shakespeare
(3 credits)

An introduction to the history plays with special attention given to the Second Tetralogy. Particular emphasis on *Richard III*, *Richard II* and part I of *Henry IV*.

Daily, 11:45-1:00 p.m., Carney 305

Joseph Longo

S En 144—Literature and Science, 1660-1800
(3 credits)

A course in the history of ideas for the non-specialist, tracing the impact of science and technology on English literature, and the early literary reactions to such modern developments as microscope and telescope, the steam engine, and human flight. After a summary of the scientific background, selected works of Bacon, Cowley, Shadwell, Dryden, Swift, Addison and Steele, Pope, Thomson, and Samuel Johnson will be read and discussed.

Daily, 10:20-11:35 a.m., McGuinn 211

Daniel McCue

S En 151—Studies in the Short Novel
(3 credits)

Studies in English, American and European factual works from 1800 to date, with special emphasis on the recent half of the nineteenth century. Among

those studied will be Dostoevski, Flaubert, Mrs. Gaskell, James, Melville, and Flannery O'Connor.

Daily, 9:00-10:15 a.m., Carney 9

John Sullivan

S En 152—The Long Novel
(3 credits)

A study of the themes and organic development of such long novels as *Ulysses*, *Dr. Zhivago*, *Brothers Karamazov*, *Vanity Fair*, and *Moby Dick*.

Daily, 11:45-1:00 p.m., McGuinn 213

Joseph McCafferty

S En 159—Ten Decisive Modern Plays
(3 credits)

Contemporary theatre is dominated by such themes as alienation, existential loneliness, nihilism, unconscious motivation, absurdity, and the search for human community. This course will discuss these and other major themes as found in the most significant works of Tennessee Williams, Samuel Beckett, Harold Pinter, Arthur Miller, Bernard Shaw, August Strindberg and Hendrick Ibsen.

Daily, 11:45-1:00 p.m., McGuinn 226

Clara Siggins

S En 185—Modern Poetry
(3 credits)

The emphasis will be upon the poetry of T.S. Eliot and W.H. Auden.

Daily, 9:00-10:15 a.m., Carney 308

Albert Folkard

S En 204—A Quarternity of Myths
(3 credits)

Four myths: *Narcissus*, *Orpheus*, *Dionysus*, the *Gospel of Matthew*; four theorists of myth; Jung, Frye, Eliade and Campbell; four commentators on myth; von Neumann, Nietzsche, Marcuse, Norman O. Brown; four literary uses of myth; Agee's *The Morning Watch*; Conrad, *Heart of Darkness*; Brautigan, *In Watermelon Sugar*; and Vonnegut, *Slaughterhouse-Five*.

9:00-10:15 a.m., Carney 3

Richard Hughes

S En 255—Major 18th & 19th Century Novels
(3 credits)

This course will include such novels, appearing on the M.A. reading list, as *Robinson Crusoe*, *Joseph Andrews*, *The Vicar of Wakefield*, *Emma*, *Great Expectations*, *Henry Esmond*, *Jane Eyre*, *The Mayor of Casterbridge*. The number of novels to be covered can be determined in discussion with the class.

10:20-11:35 a.m., McGuinn 227

John Loofbourow

S En 263—Major Victorian Writers
(3 credits)

A survey of major Victorian poets and critics: Carlyle, Tennyson, Browning, Ruskin, Arnold. The central theme will be the emergence of the modern consciousness from the encounter of Romanticism with the new world of industrialism and liberal democracy.

11:45-1:00 p.m., Carney 10

John McCarthy

S En 279—American Utopias
(3 credits)

The quest for a perfect society, viewed, in its full sociological and

philosophical implications, through the lens of literature—in works by Cooper, Hawthorne, Twain, Howells, Bellamy, Wright, Skinner and Kosinski.

10:20-11:35 a.m., Carney 3

John McAleer

S En 282—American Drama Since 1950
(3 credits)

Investigation of the plays of Kopit, Le Roi Jones, Gelber, Berrigan, Vonnegut, Hawkes and others.

11:45-1:00 p.m., Carney 5

Leonard Casper

Finance

WALTER T. GREANEY, Chairman

OFFICE: Fulton 310

S Fn 22e—Basic Finance
(3 credits)

The purpose of this course is to introduce the student to the full range of activities that are subsumed under the heading "Finance". The course is divided into four sections:

- Financial Analysis
- Corporate Finance
- Capital Markets and Institutions
- Investments.

The financial analysis section deals with the development of those tools and concepts needed by a person working in the financial area. Topics covered are: Funds Flow Concepts; Ratios as Tools of Analysis; and Basic Financial Forecasting. Readings, problems and case studies will be used in this section of the course.

The Corporate Finance section is a brief, case-oriented introduction to working capital management and short term financing, and builds upon the tools and concepts introduced in the early part of the course.

The Capital Markets and Institution sections of the course will present, initially, a survey of those organizations and institutions such as commercial banks, savings banks, insurance companies, and others that provide funds to the corporate sector of our economy. Subsequent to this, the money creation, money management, and monetary control activities of the Federal Reserve System will be introduced and discussed. In order to have the students better understand the workings of the banking system one or two short case studies on the formation and management of commercial banks will be presented.

The Investments section of the course will introduce the student to the investment banking function, the organized exchanges and their operation, and the analysis of common stocks. Readings on the various investment banking issues will be presented for analysis and class discussion. One or two brief case studies on the investment banking industry will be presented in the latter part of this section of the course.

Daily, 6:00-7:45 p.m., Carney 6

Walter Greaney

S Fn 58e—Investment Principles and Analysis
(3 credits)

A course designed to introduce the student to the subject of security investment. The investment process, investment risks, various investment media and the operations of the capital markets are discussed. Special emphasis is placed on the analysis of business cycles and corporate growth prospects.

Individual and institutional portfolio management is stressed including the "timing" aspect of investment management.

Daily, 6:00-7:45 p.m., Carney 4

Mya Maung

Geology and Geophysics

GEORGE D. BROWN, JR., Chairman

OFFICE: Devlin 206

S Ge 55e—Environmental Science and Water Pollution (3 credits)

The technology of water use and misuse are treated. Special emphasis is placed on environmental aspects. Economic and political factors are also discussed. Topics include climatology, hydrology, water resources, water pollution and pollution abatement.

Daily, 8:00-9:45 p.m., Carney 6

Jerome Carr

S Ge 138—Stratigraphy and Sedimentation (June 26-July 14) (3 credits)

The sedimentary rock strata of the Earth will be studied in a systematic manner to develop principles of origin and correlation of rock units from lithostratigraphic and biostratigraphic viewpoints. Concepts of time, time-rock, and rock classifications will be applied to selected examples from the geologic past.

Daily, 10:20-11:35 a.m., Carney 9

To be announced

S Ge 139—Marine Geology (July 17-August 4) (3 credits)

Recent geological, geophysical and geochemical information on the ocean basins is examined. Emphases are placed on modern sedimentation and deformation dynamics, and ocean basin history revealed by cored and dredged sediments and igneous rocks, together with seismologic, gravity, heatflow, and magnetic data. Students will explore current literature on a wide variety of topics and research in depth on a topic of their own choosing.

Daily, 10:20-11:35 a.m., Carney 9

To be announced

S Ge 188e—Sea, Air, and Sky (3 credits)

The oceans and atmosphere constituting the fluid spheres of the earth, a planet of the solar system, offer interesting relationships to each other. As an example, solar energy heats the earth unequally, causing winds which produce ocean currents and modify our climates. The physical laws of nature to be studied may include the revolutions of celestial bodies and the effects of the earth's rotation on water and air motions.

Daily, 6:00-7:45 p.m., Carney 3

Edward M. Brooks

S Ge 255—Earth Science Field Course (See *Special Programs*)

S Ge 256—Earth Science Field Course (See *Special Programs*)

Germanic Studies

HEINZ BLUHM, Chairman

OFFICE: Carney 325

S Gm 1—Elementary German I—(June 26-July 14)
(3 credits)

For students without previous knowledge of German who wish to achieve a sound basis for an active command of the language. Oral-aural training will be combined with acquisition of basic reading skills and written self-expression.

Daily, 9:00-11:35 a.m., Carney 105

Christoph Eykman

S Gm 2—Elementary German II—(July 17-August 4)
(3 credits)

A continuation of Elementary German I.

Daily, 9:00-11:35 a.m., Carney 105

Christoph Eykman

S Gm 11—Intermediate German I—(June 26-July 14)
(3 credits)

For students who wish to acquire greater reading comprehension, develop aural-oral skills and increase their command of written German. Review and practice of fundamentals will be combined with intensive readings in literary texts.

Conducted largely in German. Prerequisite: Elementary German I and II or equivalent.

Daily, 9:00-11:35 a.m., McGuinn 226

Gert Bruhn

S Gm 12—Intermediate German II—(July 17-August 4)
(3 credits)

A continuation of Intermediate German I.

Daily, 9:00-11:35 a.m., McGuinn 226

Gert Bruhn

S Gm 61e—Intensive Reading Course in German
(3 credits)

The course prepares a student for either a graduate language reading examination or the standardized Princeton type of test and provides him with the ability to read general or specialized material in his own as well as related major fields.

Note: No previous German is required for this course.

M-Th, 7:00-9:35 p.m., Carney 106

Robert J. Cahill

S Gm 253—Friedrich Hölderlin
(3 credits)

A careful study of his poetry. Its relation to the Greek and Christian tradition as well as to the poems of Goethe and Schiller will be examined.

9:00-10:15 a.m., Cushing 333

Heinz Bluhm

S Gm 254—Nietzsche's "Also Sprach Zarathustra"
(3 credits)

A close reading of Nietzsche's most famous literary work. Its vast significance for modern European and American thought will be studied.

10:20-11:35 a.m., Cushing 331

Heinz Bluhm

S Gm 299—Reading and Research
(3 credits)

Supervised reading within specific areas, for the solution of individual problems of research. This course may be taken only with permission of the Chairman.

By arrangement

The Department

**S Gm 301—Thesis Seminar
(3 credits)**

Individual work under tutorial supervision, to assist the student with problems of research related to the writing of the thesis.

By arrangement

The Department

**S Gm 305—Thesis Direction
(2 points)**

A non-credit course for students who need guidance beyond the thesis seminar for the completion of their thesis.

By arrangement

The Department

History

JOHN L. HEINEMAN, Chairman

OFFICE: Carney 116

**S Hs 1e—European Civilization: 1500-1815
(3 credits)**

This course will cover the period from the Renaissance to the French Revolution. It will be organized around three general themes: social and economic changes brought about by Europe's transition from an agrarian to an industrial economy; "state-building" in Western Europe, that is, the emergence of nation-states in the Early Modern period; the impact of changing concepts of the nature of Man and his world.

Daily, 6:00-7:45 p.m., Carney 202

Scott Van Doren

**S Hs 2e—European Civilization: 1815 to the Present
(3 credits)**

The course extends from Robespierre and the French Revolution to the Algerian and Indochina Wars. The two major themes are revolution (19th Century) and war (20th Century). Attention is also paid to the "German problem" from Bismarck to Hitler to Adenauer.

Daily, 8:00-9:45 p.m., Carney 202

Michael Delucia

**S Hs 42e—American Civilization Since 1865
(3 credits)**

The survey of the history of American Civilization from the period of Reconstruction to the present.

Daily, 6:00-7:45 p.m., Carney 204

Andrew Buni

**S Hs 140—Europe in the 18th Century
(3 credits)**

A study of the major political trends of the 18th Century, with particular emphasis on the traditional monarchy, France, Enlightened Absolutism in Prussia, Austria and Tuscany, and the intellectual currents of the secular and Catholic Enlightenments.

Daily, 9:00-10:15 a.m., Carney 5

Samuel Miller

**S Hs 145—Byzantine Empire
(3 credits)**

A survey of Byzantine history, from the foundation of Constantinople in 324 to the city's conquest by the Ottoman Turks in 1453. Emphasis will be

given to the Empire's relations with neighboring states and peoples, and to Byzantium's contributions to European civilization.

Daily, 11:45 a.m.-1:00 p.m., McGuinn 227

John Rosser

S Hs 148—The Socio-cultural Projections and Reflections of England in the 19th Century
(3 credits)

A study of the English people (1800-1900): changing patterns rising out of social and economic conditions taking shape in the forms of their thought, beliefs, art, literature, architecture, and music.

Daily, 10:20-11:35 a.m., Carney 106

Louise Moore

S Hs 161—American International Relations Since 1920
(3 credits)

The course will examine and evaluate the nature of U. S. involvement from 1920 to the present in Latin America, the Far East, Europe, and, in particular, the Middle East. In addition, it will emphasize intense reading and discussion of traditional and recent interpretations of isolationism, neutrality, wartime diplomacy, the cold war, and American imperialism.

Daily, 10:20-11:35 a.m., Carney 102

Edward Knox

S Hs 169—The Civil War and Reconstruction
(3 credits)

A study of the crisis of the Union which focuses upon the various factors which brought about the conflict between the states, the major events of the Civil War, and the continuing constitutional and social conflicts which continued through the period of Reconstruction.

Daily, 10:20-11:35 a.m., Carney 103

Thomas O'Connor

S Hs 284—The Urbanization of America
(3 credits)

The course is concerned with the concepts of urbanization, the growth of community consciousness, and the basis and process of urban growth and development. Among the topics considered are the origins of cities, urban rivalries, growth of community services, social mobility, metropolitanization, and the social, political and economic impact of urbanization.

11:45 a.m.-1:00 p.m., Carney 103

Allen Wakstein

S Hs 292—Colloquium in Modern European History: The Modern State
(3 credits)

By means of discussion, reports, and some lectures, the colloquium will explore current historical scholarship dealing with issues that pertain to the rise of the modern state since the French Revolution. Emphasis will be placed on topics which require the comparative approach: such as the Palmer "democratic revolutions" thesis, types of nationalism in mid-nineteenth century, the Gerschenkron thesis on comparative backwardness and industrialization, and the social and political position of European aristocracies in the nineteenth century. A reading knowledge of foreign languages will be helpful but is not required.

9:00-10:15 a.m., Cushing 333.

Andrejs Plakans

S Hs 294—Recent Interpretations of Modern American History
(3 credits)

This colloquium will deal with the major writings and recent interpretations of several themes, topics, and periods of modern American history. New areas of historical inquiry such as American urbanization and race relations,

and traditional areas such as reconstruction, industrialization, foreign policy, the New Deal, and others will be dealt with.

9:00-10:15 a.m., Cushing 334. Andrew Buni, Allen Wakstein

S Hs 391—Thesis Seminar
(3 credits)

By arrangement The Department

S Hs 393—Readings and Research
(3 credits)

By arrangement The Department

S Hs 395—Thesis Direction
(2 points)

By arrangement The Department

Management (Graduate)

These courses may be taken only in connection with the Group Dynamics and Professional Development Institute. (See *Special Programs* in this *Bulletin*.)

S GB 481—Group Dynamics
(3 credits)

(Also listed as S Os 109 under Organizational Studies)

S GB 484—Seminar in Organizational Development
(3 credits)

S GB 485—Seminar in Systems and Social Change
(3 credits)

(Also listed as S OS 185 under Organizational Studies)

Management and Computer Sciences

JOHN J. NEUHAUSER, Chairman OFFICE: Fulton 406A

S GB 465—Mathematical Programming and Game Theory
(3 credits)

An introduction to the methods of linear and nonlinear programming and related topics in the theory of games. Emphasis will be on pivoting methods for linear and quadratic programming, the Kuhn-Tucker theorem and its applications, and matrix and bimatrix games. As time permits, there will be discussion of duality, cutting-plane methods, methods of feasible directions, and gradient methods for nonlinear programming.

Daily, 11:45-1:00 p.m., Carney 6 Joseph Howson

S MC 080—Long Range Planning (LRP)
(3 credits)

This course covers the basic concepts and purpose of long range and corporate planning. It provides basic overview as well as practical approaches through discussion of such elements and dimensions as Business Strategy, Tactical and Strategic Planning, Preparation of Company Charters, Selection and Identification of Corporate Objectives and Major Goals, Organizing LRP, Measurements against Plan.

Case studies and illustrative examples of LRP will be included with related topics such as Key Result Areas, Management Information System, Product Planning, R & D, Resources Planning, Diversification, etc.

Daily, 9:00-10:15 a.m., Carney 6

Leopold R. Michel

S MC 60—Computer Science and Systems I (3 credits)

Computer Science is no doubt a new subject to most people contemplating taking this course. As such, it is designed to introduce the student to this field and provide him with some fundamental skills in the computer area.

The course deals with computing rather than computers (i.e. circuitry and electronics, etc.) and therefore will concentrate on algorithms and the preparation of problems so that they can be processed by machine. To complement the course work in computing, two programming languages will be taught with requirements for processing information in both a time sharing and batch mode. There will be two meetings each week; one will be devoted to programming, the other to computing. The programming languages taught will be BASIC and FORTRAN and the computing portion of the course will concern itself with a model of a computer, flow charting, data organization, systems, mathematical and business applications, compiling, etc. There are no prerequisites for this course although some exposure to math would be desirable.

Daily, 11:45-1:00 p.m., Carney 9

C. Peter Olivieri

Marketing

JOSEPH D. O'BRIEN, Chairman

OFFICE: Fulton 210

S Mk 21e—Introduction to Marketing Management (3 credits)

This course presents an overview of the full range of activities involved in marketing. Attention is given to the appraisal, diagnosis, organization, planning, action and control of all elements of marketing. Specifically, the functions of the product and service mix, distribution mix, communication mix and pricing mix will be considered.

6:00-7:45 p.m., Carney 203

Joseph Gartner

Mathematics

JOSEPH A. SULLIVAN, Chairman

OFFICE: Carney 317

ROSE R. CARROLL, Assistant Chairman

OFFICE: Carney 315

S Mt 1—College Algebra and Trigonometry (3 credits)

The essentials of college algebra are treated in the light of modern mathematics. Sets, relations and functions, and the axiomatic development of the real number system are followed by the standard discussion of equations and inequalities. The trigonometric and logarithmic functions are presented in an analytic manner, with a view to their use in subsequent courses in analytic geometry and calculus.

Daily, 9:00-10:15 a.m., McGuinn 106

Joseph F. Krebs

S Mt 2—Analytic Geometry
(3 credits)

The essentials of analytic geometry are considered. Topics covered include: curves and equations, lines, parabolas, ellipses, hyperbolas, polar coordinates, and other topics as time permits.

Daily, 10:20-11:35 a.m., McGuinn 106

Enrique González

S Mt 3e—College Mathematics I
(3 credits)

A brief treatment of the nature of logical reasoning and of its importance in mathematics; natural numbers; a development of the complex number system; a brief treatment of the algebra of sets; an analysis of the basic operations of algebra from the logical point of view.

M-Th, 6:00-7:45 p.m., Carney 9

Archille Laferriere

S Mt 4e—College Mathematics II
(3 credits)

Analytic geometry, the line and conic sections. An introduction to calculus; functions and their graphs; limits, derivatives, antiderivatives, and elementary applications of derivatives and antiderivatives.

M-Th, 8:00-9:45 p.m., Carney 9

Archille Laferriere

S Mt 21—Differential Calculus—(June 26-July 14)
(3 credits)

Limits, derivatives, differentiation of algebraic and transcendental functions, physical and geometric applications, differentials and their uses, indeterminate forms.

Prerequisite: Analytic Geometry.

Daily, 9:00-11:35 a.m., Carney 7

Robert J. LeBlanc

S Mt 22—Integral Calculus—(July 17-August 4)
(3 credits)

Integration of algebraic and transcendental functions, definite integral, use of definite integral for areas, volumes, etc.

Prerequisite: Differential Calculus.

Daily, 9:00-11:35 a.m., Carney 7

Richard L. Faber

S Mt 123e—Elementary Statistics
(3 credits)

An elementary course in descriptive statistics and statistical inference. Fulfills the statistics requirement for such major fields as sociology, psychology, business, and nursing. Includes such topics as the description of sample data, probability, the binomial and normal distribution, random sampling, estimation and testing, and correlation and regression.

M W, 6:00-9:30 p.m., Carney 305

Paul T. Banks

S Mt 131—Linear Algebra
(3 credits)

Topics covered include vector spaces, linear transformation, matrices, determinants and bilinear forms.

Daily, 10:20-11:35 a.m., Carney 10

Gerald G. Bilodeau

S Mt 137—Advanced Calculus I
(3 credits)

The main topic is the calculus of functions of several variables. This includes partial differentiation with applications, multiple integrals with applications, and other topics as time permits.

Prerequisite: Calculus.

Daily, 9:00-10:15 a.m., Carney 305

John P. Shanahan

S Mt 138—Advanced Calculus II
(3 credits)

The main topic is a systematic treatment of sequences and series. This includes convergence tests, absolute convergence, uniform convergence, and topics in power series.

Prerequisite: Calculus.

Daily, 11:45 a.m.-1:00 p.m., Carney 7

Michael Menn

S Mt 177—Modern Geometry
(3 credits)

This course consists of a careful treatment of modern geometries including some projective geometry. Linear transformations are emphasized. Graduate credit toward the M.S.T. degree is granted for this course.

Daily, 9:00-10:15 a.m., McGuinn 227

Louis O. Kattsoff

S Mt 179—Introduction to Number Theory
(3 credits)

Topics covered include divisibility, congruences, quadratic residues, number theoretic functions, diophantine equations and distribution of primes. Graduate credit toward the M.S.T. degree is granted for this course.

Daily, 10:20-11:35 a.m., Carney 307

Joseph A. Sullivan

S Mt 199/299—Reading and Research
(3 credits)

This course is open to a student only on the recommendation of some member of the faculty and with the approval of the Chairman or Assistant Chairman. The student will work independently in some advanced or special area of mathematics under the guidance of a faculty member. Graduate credit may be granted for this course.

By arrangement

The Department

S Mt 301—Thesis Seminar
(3 credits)

By arrangement

The Department

S Mt 305—Thesis Direction
(2 points)

A two-point non-credit course.

By arrangement

The Department

Nursing

PAULA L. MINEHAN, R.N., Director
Project: Nursing Television

OFFICE: Higgins 610

S Nu 55e—The Nursing Process (June 30-August 4)
(3 credits)

The Registered Nurse student is provided an opportunity to broaden her concept of professional nursing through study of the elements of professional practice, including a systematic assessment of a patient's needs, identification of appropriate actions, development of a plan of care based on definite goals, implementation of the care plan, and evaluation of the care.

This course, previously taught in the classroom, has been adapted for open-circuit television viewing in cooperation with WGBH Educational Foundation, and will be broadcast on Channel 44 at 6:30 p.m. for ten half-hour sessions.

Tuesdays and Fridays

Home viewing at 6:30 p.m.

Seminar and monitor viewing on campus, 6:15-7:15 p.m., Cushing 1. For full explanation, see *Special Programs* in this *Bulletin*.

Organizational Studies

EDGAR HUSE, Chairman

OFFICE: Fulton 217

S OS 21e—Introduction to Organizational Behavior
(3 credits)

The objective of this course is to introduce the students to the field of organizational behavior. The course is concerned with questions of the following order: How can behavior in organizations be understood? What factors influence such behavior? What is the impact of such variables as: technology, operating policies and procedures, styles of leadership or supervision, the nature of the members of the organization, the social structure of the organization, the environment of the organization, etc.? The concept of social system will be used to explore these issues. Readings, case discussions and classroom exercises will be used.

T and Th, 6:00-9:45 p.m., Carney 102

Jack E. Rosin

S OS 106e—Interpersonal Communication
(3 credits)

With a major focus on two-person relationships, the following questions will be examined: What factors tend to be involved in communication breakdown? What processes aid in overcoming interpersonal obstacles? What makes for an effective helping relationship? What ways of understanding interpersonal relationships are useful ones? Is interpersonal competence different for a manager than for a subordinate? Case studies and classroom exercises will be used along with background material drawn from the fields of individual motivation and development, counseling psychology, industrial relations and general semantics.

M-W, 6:00-9:45 p.m., Carney 102

Dalmar Fisher

The following courses may be taken only in connection with the Group Dynamics and Professional Development Institute (See *Special Programs*.):

S OS 109—Group Dynamics
(3 credits)

(Also listed as S GB 481 under Management, and S Ps 155 under Psychology.)

S OS 185—Seminar in Systems and Social Change
(3 credits)

(Also listed as S GB 485 under Management.)

Philosophy

JOSEPH F. FLANAGAN, S.J., Chairman

OFFICE: Carney 272

S PI 1—Introduction to Basic Problems of Philosophy (3 credits)

As an introduction to philosophy, the nature of philosophical quest, the distinction of philosophy from other intellectual pursuits or scientific disciplines, and the division of philosophical science will be treated. The study of human existence will consist of an examination of man as knower, man as free, man as social; the nature of perception, understanding, and their relationships; the dynamics of freedom and the general relationship of individual freedom to social dimensions.

Daily, 10:20-11:35 a.m., Cushing 333

William J. Haggerty, Jr.

S PI 110—New Dimensions in Morality (3 credits)

An examination of contemporary issues and problems in the field of moral philosophy.

Daily, 9:00-10:15 a.m., Carney 10

Stuart B. Martin

S PI 154—Zen Buddhism (3 credits)

After an introduction to Oriental philosophy, an attempt will be made to understand the single essential point of Zen from the Zen writings themselves. Conclusions will be attempted in the areas of: (a) classifying Zen philosophy—religion? psychotherapy? mysticism? (b) perceiving the presence of the Zen insight in much Western Thought.

Daily, 9:00-10:15 a.m., Cushing 332

Peter J. Kreeft

S PI 177—Technology, Environment and Man (3 credits)

Has Western technology reached the point where it has made authentic human existence impossible? The course will examine the problem of man and his environment, in an effort to answer this question.

Daily, 11:45 a.m.-1:00 p.m., McGuinn 211

Brian J. Cudahy

S PI 247—Philosophy of Karl Jaspers (3 credits)

The course investigates the Existenz-Philosophie as an open system; an examination of leading themes: world-orientation, clarification of human existence, explanation of cipher-symbols used to designate Being, description of "philosophical faith". Points of contact with Kant, Nietzsche, and Kierkegaard will be carefully examined. The purpose of the course is to explain Jaspers' philosophizing as an attempt to re-awaken men to their authentic and unique human situation. A study of the important texts available in English.

11:45 a.m.-1:00 p.m., Carney 206

Joseph L. Navickas

S PI 258—God and Modern Philosophy (3 credits)

An examination of contemporary atheism in the light of positions on God's existence espoused by the Rationalist and Empiricist traditions.

10:20-11:35 a.m., Cushing 332

Norman J. Wells

**S PI 299—Readings and Research
(3 credits)**

By arrangement

The Department

**S PI 301—Thesis Seminar
(3 credits)**

By arrangement

The Department

**S PI 305—Thesis Direction
(2 points)**

A two-point non-credit course.

By arrangement

The Department

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The Philosophy Department will also sponsor an Institute in Marxist Studies which will provide a framework for the serious study of Marxism in its historical development and its relevance to the world of today, with the possibility of leading into an M.A. in Marxist Studies. Such an Institute could interest and serve graduate students in philosophy, clergy, religious and seminarians concerned with Christian-Marxist dialogue, and also possibly others from the different realms of social, political, business and international affairs. Please refer to page 27 in this *Bulletin*.

Physics

ROBERT L. CAROVILLANO, Chairman

OFFICE: Higgins 355

**S Ph 1—General Physics I (June 26-July 14)
(3 credits; with laboratory, 4 credits)**

The first semester of general college physics (non-calculus): an introduction to the principles and applications of mechanics and thermodynamics, including a study of conservation laws, particle and rigid body motions, wave phenomena, and heat transfer.

Daily, 9:00-10:15 a.m., 12:00-1:00 p.m.,

10:20-11:50 a.m.,

Laboratory Fee: \$25

(lecture) Higgins 307

(laboratory) Higgins 369

Frederick E. White

**S Ph 2—General Physics II (July 17-August 4)
(3 credits; with laboratory, 4 credits)**

The second semester of general college physics (non-calculus): an introduction to the principles and applications of electricity, magnetism and quantum physics, including a study of force laws, relativity, atoms and nuclei.

Daily, 9:00-10:15 a.m., 12:00-1:00 p.m.,

10:20-11:50 a.m.,

Laboratory Fee: \$25

(lecture) Higgins 307

(laboratory) Higgins 369

M. Susan Gussenhoven

**S Ph 1e—General Physics I (June 26-July 14)
(3 credits; with laboratory, 4 credits)**

The first semester of general college physics (non-calculus): an introduction to the principles and applications of mechanics and thermodynamics, including a study of conservation laws, particle and rigid body motions, wave phenomena, and heat transfer.

Daily, 6:00-7:15 p.m., 9:00-10:00 p.m.,

7:20-8:50 p.m.,

Laboratory Fee: \$25

(lecture) Higgins 307

(laboratory) Higgins 369

Rein A. Uritam

S Ph 2e—General Physics II (July 17-August 4)
(3 credits; with laboratory, 4 credits)

The second semester of general college physics (non-calculus): an introduction to the principles and applications of electricity, magnetism and quantum physics, including a study of force laws, relativity, atoms and nuclei.
Daily, 6:00-7:15 p.m., 9:00-10:00 p.m., (lecture) Higgins 307
7:20-8:50 p.m., (laboratory) Higgins 369
Laboratory Fee: \$25 Robert L. Becker

S Ph 193/293—Introduction to the Principles and Techniques of Photography
(3 credits)

This course is designed to provide students in the arts, sciences and humanities with a working knowledge of photographic techniques and of the use of photography as a medium for artistic expression. It covers the techniques for utilization of common photographic equipment and materials as well as photography's historical origins and physical fundamentals. Practical experience in darkroom procedures and in the utilization of various types of photographic apparatus is provided through laboratory exercises.

No previous background in science or math is required. Enrollment limited to 20 students.
TWTh, 9:00-10:15 a.m., (lecture) Higgins 267
One 3-hour laboratory per week, by arrangement, Higgins 460
Laboratory Fee: \$25 George J. Goldsmith

S Ph 199/299—Reading and Research
(3 credits)

By arrangement The Department

S Ph 301—Thesis Research
(3 credits)

By arrangement The Department

Political Science

DAVID LOWENTHAL, Chairman OFFICE: McGuinn 200

S Po 105 (205)—Law and Society
(3 credits)

The nature, functions and chronic problems of laws and courts in modern democratic society are explored in both theoretical and pragmatic terms. Points of focus include the value premises and social objectives built into our (or any) legal system; the impact of the structure and procedures of the judiciary on its substantive legal output; the growing gap between the way the legal/judicial system is intended to operate and the way it actually works; the recurring modern charges of bias (racial, economic, etc.) inherent in the very structure of the legal system.

Daily, 9:00-10:15 a.m., Cushing 335 David R. Manwaring

S Po 115 (215)—Civil Liberties in the United States
(3 credits)

Thorough examination of civil liberties problems through discussion of Supreme Court decisions and controversial writings. Subjects include church-state relations (e.g., religious liberty, aid to religious schools, religion in public

schools), freedom of speech and press (e.g., communism, obscenity, academic freedom, demonstrations), and rights of criminal defendants.

Daily, 10:20-11:35 a.m., Cushing 335

David R. Manwaring

**S Po 125e (225e)—Government and Politics of the Soviet Union
(3 credits)**

A systematic investigation of the ideological framework, historical development, organizational structure and operational code of Soviet domestic and foreign policies. A comprehensive analysis of the cause-effect relationship between ideological orientation and behavior of the Soviet Party-state at home and abroad. Emphasis will be given to the future of the all-people Party and all-people state in the USSR as well as to Soviet relations with China, the Socialist camp, the developing nations, the West, and, especially, the United States.

6:00-7:45 p.m., Carney 104

Peter S. H. Tang

**S Po 128e (228e)—Chinese Politics and Mao Tse-Tung Thought
(3 credits)**

A survey of the political and international developments of contemporary China, with stress upon ideology and leadership as well as strategy and tactics in the political, economic, social, and cultural revolution under Mao. An analysis of Mao Tse-Tung's political, economic, social, cultural, and military philosophy in his adaptation to and development of Marxism-Leninism for class struggle and world revolution, with emphasis on its application at home and influence abroad.

8:00-9:45 p.m., Carney 104

Peter S. H. Tang

**S Po 151 (251)—International Politics and Law
(3 credits)**

This course is designed to acquaint the students with fundamentals of international politics and law. It consists of basic readings in these fields including works on International Organization. The student is prepared to acquire a comprehensive view of the relations between problems of politics and law in the international sphere. A term project is part of class discussions and affords opportunity for guided research.

Daily, 12:00-1:15 p.m., McGuinn 213

Robert K. Woetzel

**So Po 161 (261)—American Foreign Policy
(3 credits)**

An examination of major patterns of United States foreign policy, with emphasis on the twentieth century. Contemporary problems of foreign policy, e.g., Cuba, Berlin and Vietnam, will be treated in the context of international affairs, with special reference to area factors, and the relation of the United States to international organization.

Daily, 1:30-2:45 p.m., McGuinn 213

Robert K. Woetzel

**So Po 299—Reading and Research
(3 credits)**

A directed study in primary sources and authoritative secondary materials for a deeper knowledge of some problems previously studied or of some area in which the candidate is deficient.

By arrangement

The Department

**So Po 301—Thesis Seminar
(3 credits)**

By arrangement

The Department

**So Po 305—Thesis Direction
(non-credit course)**

By arrangement

The Department

Psychology

WILLIAM RYAN, Chairman

OFFICE: McGuinn 349

**S Ps 40—Introductory Psychology (Social)
(3 credits)**

An introduction to psychology as a behavioral science, both theoretical and applied. Considers such topics as child development, personality, social psychology, abnormal behavior and mental health.

Daily, 9:00-10:15 a.m., Campion 17

Dorothy T. Lekarczyk

**S Ps 119—Psychodynamics of Personality
(3 credits)**

A basic and intensive course on the contribution of theoretical, clinical and experimental work to the understanding of character and personality, with emphasis on the psychodynamic frame of reference.

Daily, 11:45-1:00 p.m., Carney 308

To be announced

**S Ps 134—Child Development
(3 credits)**

General psychological issues as they relate to the developing organism: heredity and environment, effects of maternal deprivation and separation, personality formation and growth, the development of intelligence, and cross-cultural methods of child rearing will be considered.

Daily, 10:20-11:35 a.m., Campion 17

Dorothy T. Lekarczyk

**S Ps 136—Social Psychology
(3 credits)**

A study of the individual and his social context, beginning with the social behavior of animals and including human functioning in small groups, in society and in cross-cultural perspective. Attitudes, motives and social perception will be emphasized.

Daily, 11:45-1:00 p.m., McGuinn 340

To be announced

The following courses may be taken only in connection with the Group Dynamics and Progressional Development Institute (see *Special Programs*):

**S Ps 155—Seminar in Group Dynamics
(3 credits)**

**S Ps 251—Seminar in the Dynamics of Intergroup Conflict
(3 credits)**

Romance Languages and Literatures

J. ENRIQUE OJEDA, Chairman

OFFICE: Carney 333

FRENCH

S Fr 1—Elementary French I (June 26-July 14) (3 credits)

The course is designed to develop the basic language skills: reading ability, aural comprehension, written and oral self-expression.

Daily, 9:00-11:35 a.m., Lyons 307

Laboratory required: Fee \$5

Paul Kardos

S Fr 2—Elementary French II (July 17-August 4) (3 credits)

A continuation of French I.

Daily, 9:00-11:35 a.m., Lyons 307

Laboratory required: Fee \$5

James Flagg

S Fr 115—French Civilization: The Development of Ideas in French Literature (3 credits)

This course intends to review the development of ideas with particular emphasis on social structures and political institutions from the Middle Ages to the 20th Century in order to place selected literary works in their historical and social perspective and to show to what degree French literature is a social testimony.

Daily, 11:45-1:00 p.m., Carney 304

Monique Fol

S Fr 233—The Plays of Corneille (3 credits)

A study of the foundations and theories of the Classical French Theatre, status of production and changes in scenery, the advent of Corneille in 1629. The course will consist of analysis and discussions of Corneille's major and minor works.

10:20-11:35 a.m., Carney 305

Joseph Figurito

S Fr 255—Balzac's Human Comedy (3 credits)

An appreciation of Balzac's role in the development of the French novel through an examination of his most significant works. Conception, framework.

9:00-10:20 a.m., Carney 304

Norman Araujo

SPANISH

S Sp 1—Elementary Spanish I (June 26-July 14) (3 credits)

The course is designed to develop the basic language skills: reading ability, aural comprehension, written and oral self-expression.

Daily, 9:00-11:35 a.m., McGuinn 213

Laboratory required: Fee \$5

Ernest Siciliano

S Sp 2—Elementary Spanish II (July 17-August 4) (3 credits)

A continuation of Spanish I.

Daily, 9:00-11:35 a.m., McGuinn 213

Laboratory required: Fee \$5

Ernest Siciliano

S Sp 180—Modernismo in Spain
(3 credits)

The origins of Spanish *modernismo* in French symbolism, and the influence of Rubén Darío. A study of *modernismo* in the poetry, novels and plays of such writers as Valle-Inclán, Juan Ramón Jiménez, Benavente, Manuel Machado, Pérez de Ayala, and others.

9:00-10:15 a.m., Carney 306

Robert Sheehan

S Sp 225—The Picaresque Novel
(3 credits)

The origin and development of the genre. The course will focus upon Lazarillo de Tormes, Guzman de Alfarache, and Quevedo's *Buscón*.

10:20-11:35 a.m., Carney 6

J. Enrique Ojeda

Sociology

MICHAEL A. MALEC, Chairman

OFFICE: McGuinn 416

Note: Courses numbered above 150 may be taken for graduate credit.

S Sc 31—Introductory Sociology
(3 credits)

A survey of the field of sociology, including basic problems, concepts, and theories.

Daily, 9:00-10:15 a.m., Carney 106

John D. Donovan

S Sc 31e—Introductory Sociology
(3 credits)

A survey of the field of sociology, including basic problems, concepts, and theories.

Daily, 6:00-7:45 p.m., Carney 103

David A. Karp

S Sc 107—Social Problems in American Society
(3 credits)

An examination of problems especially unique to America as a post-modern society, including bureaucratization and over-organization, alienation and dehumanization, status panic and structured inequality, and other personal and social "pathologies."

Daily, 9:00-10:15 a.m., Campion 7

Seymour Leventman

S Sc 128-228—Social Psychology
(3 credits)

An introduction to the major theoretical schools: Gestalt, Reinforcement, Role, Psychoanalysis, and Field Theory with emphasis on empirical findings regarding socialization, interpersonal influence, and processes in small groups.

Also given as S Ed 263.

Daily, 9:00-10:15 a.m., McGuinn 340

William C. Yoels

S Sc 148—Racial Protest Movements in America
(3 credits)

Analysis of the various origins, forms and consequences of racial and ethnic protest movements in contemporary American society.

Daily, 10:20-11:35 a.m., Campion 7

Seymour Leventman

S Sc 156e—Sociology of the Family
(3 credits)

A systematic study of comparative family systems, theories of family organizations, familial roles and functions, and family change and crisis.

Daily, 8:00-9:45 p.m., Carney 7

Robert G. Williams

S Sc 195—Urban Sociology
(3 credits)

An examination of the views of the "Classical" and contemporary sociologists concerning urban life, with special focus on the social psychology and social organization of the city.

Daily, 10:20-11:35 a.m., McGuinn 340

William C. Yoels

S Sc 199—Reading and Research
(3 credits)

By arrangement

The Department

S Sc 254—Sociology of Education
(3 credits)

A critical study of the structures of American education and the implications of contemporary forces for change. Special attention to crises in non-public education, to racial and ethnic school problems, and to the changing roles of administrators, teachers and students.

Also given as S Ed 208.

11:45-1:00 p.m., Carney 202

John D. Donovan

S Sc 299—Reading and Research
(3 credits)

By arrangement

The Department

S Sc 301—Thesis Seminar
(3 credits)

By arrangement

The Department

Speech Communication and Theatre

JOHN H. LAWTON, Chairman

OFFICE: Lyons 401

S Ed 295A—Effective Oral Communication
(3 credits)

Course is designed to meet the needs of students who have enjoyed limited training in that demanding discipline, the meaningful oral communication of ideas. However, those wishing refresher work or seeking experience in new areas will find this course rewarding. Attention is given to such formal speaking types as exposition, speeches of courtesy and persuasive addresses; however, informal speaking in conference, interviewing and group problem solving is also studied thoroughly. Because extensive use is made of video tape and recordings, students have every opportunity to analyze their own progress in performance.

9:00-10:15 a.m., Lyons 134

John H. Lawton

S Ed 296A—Summer Television Workshop
(6 credits)

Co-sponsored by Boston College and the Boston Catholic Television Center. (See *Special Programs*.)

S Ed 297A—Election Preview
(3 credits)

Focusing on the presidential election, this course provides students with an opportunity to read and analyze the persuasive rhetoric of the several candidates. Films which highlight the careers of these men and illuminate their views on war and the domestic economy are also scheduled. Students will hear nationally reputed speakers discuss and defend their preferred presidential candidate.

Attention will be given as well to the U.S. Senate and to several House contests in Massachusetts.

10:20-11:35 a.m., Lyons 134

John H. Lawton

Theology

THOMAS P. O'MALLEY, S.J., Chairman

OFFICE: Carney 404

S Th 178—Scripture in the Church's Worship
(3 credits)

This course will explain the arrangement of the new Mass Lectionary and its place in the Liturgy of the Word. This will provide a basis for the examination of the whole question of the Bible in the Liturgy and in the Church. It will also discuss the part the Scriptures play in the communicating of the Christian message and explore critically the privileged place of the Scriptures in Christian revelation.

Daily, 10:20-11:35 a.m., Campion 207

Rev. Peter Purdue

S Th 180—The American Religious Experience
(3 credits)

This course will deal with various themes which will emerge from an analysis of the following topics: American Mysticism, Black Theology, American Protestantism and American Catholic traditions, "American Theology," and education with its interrelationship to religion.

Daily, 11:45-1:00 p.m., Carney 307

Rev. Joseph P. Locigno

The courses that follow are open only to members of the Institute for the Study of Religious Education. (See *Special Programs*.)

S Th 190—The Church and Modern Religious Education
(3 credits)

An investigation of central questions in contemporary Christian morals and theology, emphasizing the relationship between these topics and religious education.

Rev. Richard McBrien
Richard McCormack, S.J.

S Th 268—Modern Scholarship in Scripture and Ecclesiology
(3 credits)

An investigation of the evolution of doctrine and its relationship to faith; an analysis of modern Biblical scholarship.

Avery Dulles, S.J.
George MacRae, S.J.

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Evening courses meet daily, Monday through Thursday. Unless otherwise noted below, all courses run from June 26 to August 4. An "e" after a course number indicates that the course meets in the evening.

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These courses complete one full semester's work by running for double periods daily during the three weeks. Evening courses meet daily Monday through Thursday. An "e" after a course number indicates that the course meets in the evening.

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Administrative and Faculty Directories

The Summer Session

Administration

- GEORGE R. FUIR, S.J., S.T.L., *Dean*
Office: Room 401, McGuinn Hall
Extensions 2521, 2522, 2523
- LOUISE WALLACE (MRS.), A.B., *Executive Assistant*
Office: Room 400, McGuinn Hall
Extensions 2521, 2522, 2523
- KEVIN P. DUFFY, M.S.Ed., *Director of Housing*
Office: Room 226, McElroy Commons
Extension 2404
- LEO J. McDONOUGH, S.J., *Summer Session Chaplain*
Office: Room 141, McElroy Commons
Extensions 191, 192
- JAMES F. HALPIN, S.J., *Assistant Chaplain*
JAMES P. LARKIN, S.J., *Assistant Chaplain*
JOHN T. SEERY, S.J., *Assistant Chaplain*

Faculty

Accounting

- Louis Corsini, B.S.B.A., M.B.A., *Instructor*
Stanley J. Dmohowski, B.S.B.A., M.B.A., C.P.A., *Assistant Professor*
Arthur L. Glynn, J.D., M.B.A., C.P.A., *Professor*
Frederick J. Zappala, B.S.B.A., M.B.A., *Assistant Professor*

Biology

- Francis L. Maynard, A.B., A.M., Ph.D., *Associate Professor*
Yu-Chen Ting, A.B., M.S., M.S.A., Ph.D., *Professor*

Business Law

- Vincent A. Harrington, A.B., M.B.A., J.D., *Associate Professor*
William B. Hickey, A.B., J.D., M.Ed., LL.M., *Associate Professor*

Chemistry

- O. Francis Bennett, B.S., M.S., Ph.D., *Associate Professor*
E. Joseph Billo, Jr., B.S., M.S., Ph.D., *Assistant Professor*
Dennis J. Sardella, B.S., Ph.D., *Associate Professor*
John R. Trzaska, S.J., A.B., A.M., Ph.D., *Assistant Professor*
George Vogel, B.S., D.Sc., *Professor*

Classics

Eugene W. Bushala, A.B., A.M., Ph.D., *Associate Professor*
Malcolm McCloud, A.B., A.M., *Assistant Professor*
Robert F. Renehan, A.B., A.M., Ph.D., *Professor*

Economics

William J. Duffy, A.B., A.M., Ph.D., *Assistant Professor*
Harold A. Petersen, A.B., Ph.D., *Associate Professor*

Education

Peter W. Airasian, A.B., A.M., Ph.D., *Assistant Professor*
Katherine I. Best, B.S., Ed.M., *Lecturer*
William C. Cottle, B.S., D.Ed., *Professor*
John S. Dacey, A.B., M.Ed., Ph.D., *Associate Professor*
Philip A. DiMattia, B.S., M.Ed., *Adjunct Assistant Professor*
Donald T. Donley, B.S., D.Ed., *Professor*
Joyce B. Gerard, B.S., M.A., *Lecturer*
Lawrence A. Gomes, B.A., M.Ed., Ed.D., *Assistant Professor*
William M. Griffin, A.B., A.M., D.Ed., *Associate Professor*
William T. Heisler, B.S., M.S., *Lecturer*
Wilma Hull, B.A., M.Ed., *Adjunct Lecturer*
Alice Jeghelian, A.B., Ed.M., Ph.D., *Instructor*
John A. Jensen, A.B., A.M., D.Ed., *Associate Professor*
Joan Jones, B.S., M.Ed., Ed.D., *Assistant Professor*
Albert Jurgela, B.S., M.Ed., Ph.D., *Assistant Professor*
Francis J. Kelly, A.B., A.M., D.Ed., *Professor*
William K. Kilpatrick, B.S., M.A., Ph.D., *Assistant Professor*
Pierre D. Lambert, B.S., M.Ed., Ph.D., *Associate Professor*
Jean K. MacCubrey, B. Mus., M.Ed., Ph.D., *Assistant Professor*
Jean Mooney, B.A., M.A., Ph.D., *Adjunct Lecturer*
Sr. Kathleen Murphy, O.P., B.S., M.F.A., M.S., Ph.D., *Assistant Professor*
Edward J. Norton, S.V.D., A.B., A.M., Ph.D., *Assistant Professor*
Edward H. Nowlan, S.J., Ph.D., *Professor*
Vincent C. Nuccio, A.B., M.Ed., D.Ed., *Professor*
Ena Nuttall, A.B., A.M., M.Ed., Ph.D., *Lecturer*
Ronald L. Nuttall, A.B., A.M., Ph.D., *Associate Professor*
Bernard O'Brien, B.A., M.A., Ph.D., *Associate Professor*
Edward J. Power, A.B., Ph.D., *Professor*
Frances Powell, B.S., M.S., Ph.D. (cand.), *Instructor*
Fred J. Pula, B.A., M.B.A., M.Ed., Ed.D., *Associate Professor*
Ernest A. Rakow, B.S., A.M., Ph.D. (cand.), *Instructor*
John F. Savage, B.A., Ed.M., Ed.D., *Associate Professor*
Paul Schneiders, M.A.T., J.D., *Lecturer*
John J. Shea, A.B., M.Ed., D.Ed., *Assistant Professor*
Charles F. Smith, Jr., B.S.Ed., M.S., C.A.S., Ed.D., *Assistant Professor*
Edward Smith, A.B., M.A., Ph.D., *Assistant Professor*
W. Robert Smith, B.S., *Lecturer*
Charles M. Stanton, A.B., M.B.A., Ph.D., *Assistant Professor*
John F. Travers, B.S., M.Ed., D.Ed., *Professor*
John J. Walsh, B.S., A.M., Ph.D., *Professor*
Kenneth W. Wegner, B.S., M.Ed., D.Ed., *Associate Professor*

English

Leonard R. Casper, A.B., A.M., Ph.D., *Professor*

Albert M. Folkard, A.B., A.M., *Assistant Professor*
 Richard E. Hughes, A.B., A.M., Ph.D., *Professor*
 Thomas P. Hughes, B.S., A.M., *Assistant Professor*
 Joseph A. Longo, B.S., M.Ed., A.M., Ph.D., *Associate Professor*
 John W. Loofbourow, A.B., A.M., Ph.D., *Associate Professor*
 John J. McAleer, A.B., A.M., Ph.D., *Professor*
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Summer Session

Calendar 1972

June 22 & 23—Thursday and Friday

Registration in Roberts Center: 9:30 a.m. to 12:30 p.m.; and 1:30 to 4:30 p.m. No evening registration.

June 25—Sunday

First date residence halls are open to summer resident students.

June 26—Monday

Opening of classes at 9 a.m.

RESIDENT Advance Registrants only may obtain registration and class admission cards, and pay fees at Roberts Center: 8:00 to 11:30 a.m.

Regular Registration in Roberts Center: 1:30 to 3:30 p.m.

June 27 & 28—Tuesday and Wednesday

Late Registration for six-week courses only McGuinn 437, 9 a.m. to 12 noon, and 1 to 4 p.m.

Late Registration Fee—\$10

June 28—Wednesday

Last day for Change of Course into six-week courses only. Part II course changes are permitted up to opening day of Part II courses (July 17).

June 30—Friday

Last date for filing application for Master's Comprehensive Examinations: McGuinn 223, Graduate Registrar's Office. Information concerning the time and nature of the exam is available from the department.

Last day for consideration for partial Tuition Refund (fees not refundable) upon official notification of withdrawal from six-week or Part I (three-week) courses.

July 4—Tuesday

Holiday—No Classes.

July 7—Friday

Part I courses only: last date to change from credit to audit status; last date to withdraw officially from Part I courses.

July 10—Monday

Graduate Students' applications to take modern language examinations must be filed in the individual departmental offices. Information concerning the time and nature of the exam is available from the department.

July 12—Wednesday

Last day to sign up for September degrees, go through a record verification, and fill out a Graduation Card for correct name on diploma. (At this time please note whether you will pick up the diploma or would like it mailed.) Graduate Registrar's Office, McGuinn 223.

July 14—Friday

Final Examinations for Part I courses.

July 17—Monday

Opening of Part II courses. Last date to register for or change Part II courses.

Registration for Part II courses may be made at Regular Registration, June 22, 23 and 26, Roberts Center, or up to July 17 in McGuinn 437.

July 21—Friday

Last day for consideration of partial Tuition Refund (fees not refundable) upon official notification of withdrawal from Part II courses only.

July 28—Friday

Last date to change from credit to audit status in six-week or Part II courses. Last date for students to withdraw officially from six-week or Part II (three-week) courses.

August 2—Wednesday

Final Examination (six-week courses): 9:00 a.m. classes—examination at 9 a.m.; 6 p.m. classes—examination at 6 p.m.

August 3—Thursday

Last date for filing approved and signed copies of Theses for September degrees: Graduate Registrar's Office, McGuinn 223.

Last day of classes for Part II courses.

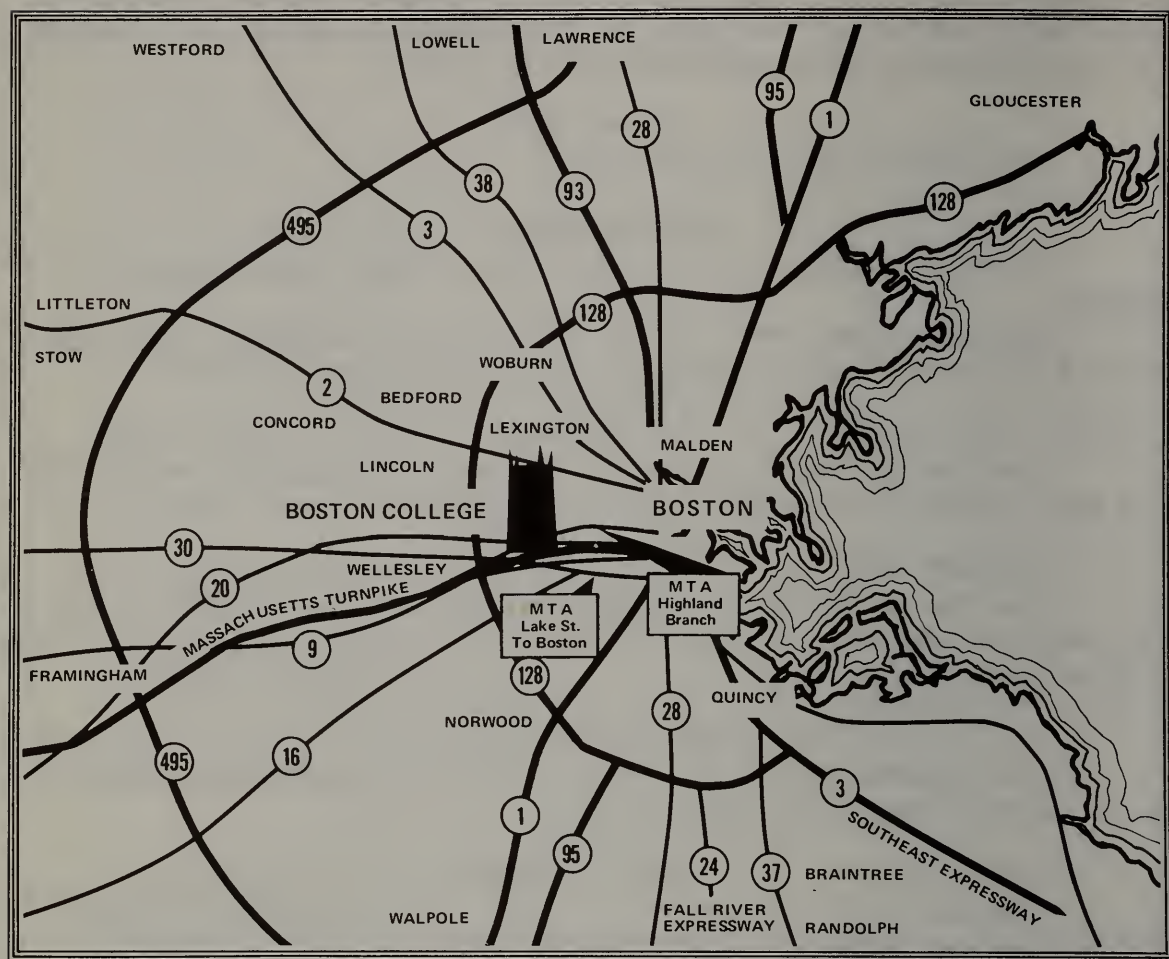
Final Examinations (six-week courses): 10:20 a.m. classes—examination at 9 a.m.; 8 p.m. classes—examination at 8 p.m.

August 4—Friday

Final Examination (six-week courses): 11:45 a.m. classes—examination at 9 a.m.

Final Examinations (Part II courses).

DIRECTIONS FOR VISITORS TO BOSTON COLLEGE



Located between Commonwealth Avenue (Route 30) and Beacon Street in Chestnut Hill, Massachusetts, the University Heights campus of Boston College is easily accessible from all approaches.

Visitors arriving at Logan International Airport will find ample means of transportation into downtown Boston. Interstate bus lines all have terminals in the heart of the city.

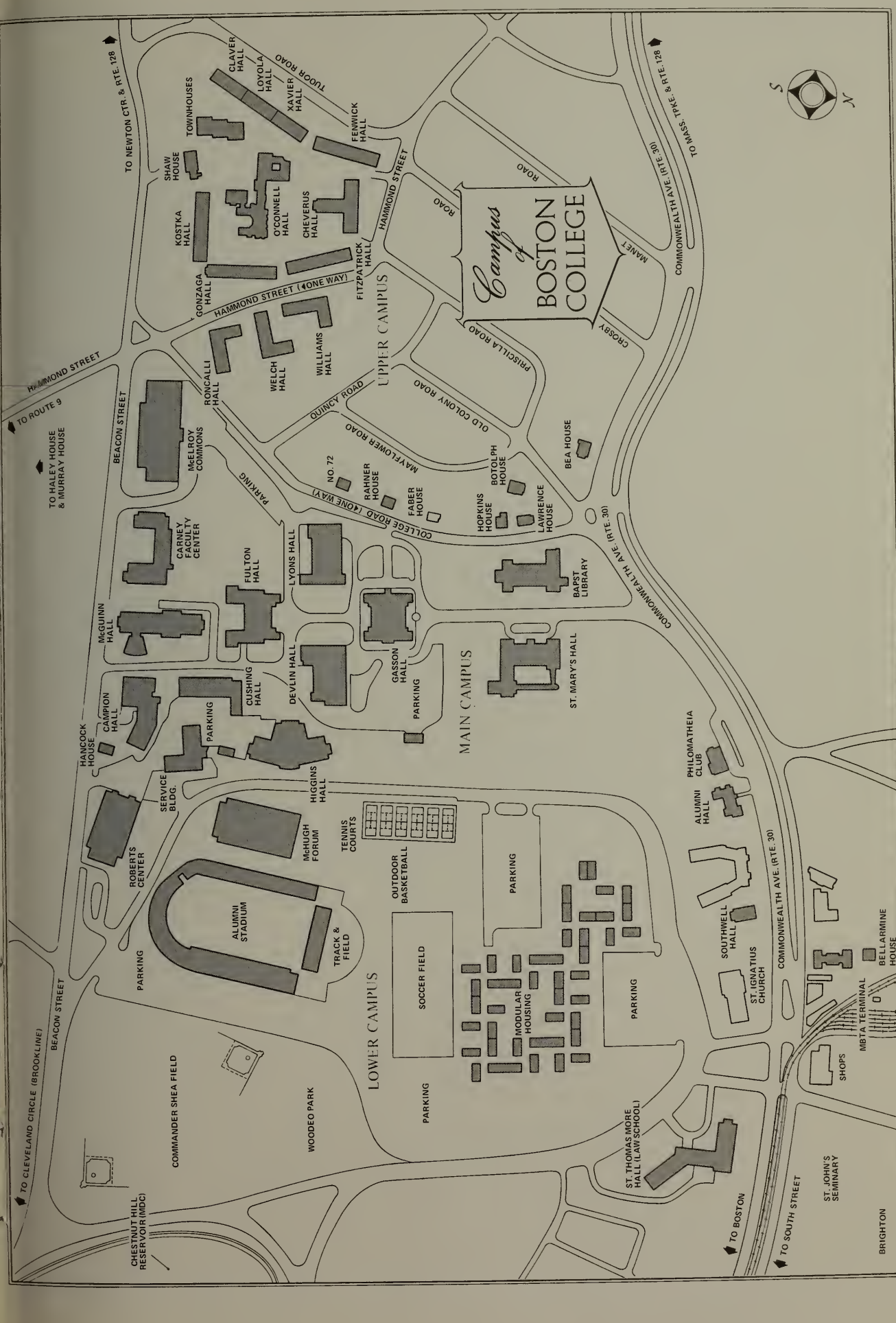
From downtown Boston, visitors may travel directly to the Heights by taxi or may take the Boston College-Commonwealth Avenue trolley car out of Park St. Station and to the end of the line, where the campus is only a short walk up the hill.

For those driving to Boston College, the auto routes are easily traveled and plainly marked.

From the south and southeast—Routes 95 and 24 north, to Route 128 north, to Route 30 (Commonwealth Avenue) east, directly to Boston College.

From the west and southwest (e.g., New York City, New Jersey, etc.)—Routes 15 or 91 north, to the Massachusetts Turnpike (Route 90) east, to Route 128 north, to Route 30 (Commonwealth Avenue) east, directly to Boston College.

From the north and northeast—Routes 3, 93 and 95 (U.S. 1) south, to Route 128 south, to Route 30 (Commonwealth Avenue) east, directly to Boston College.



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